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Christman, G.
1987-2000

Species Accounts
Part 3

Hirundinidae to Thraupidae

Christman 1.
1989-90 Misc unid. swallows
probably cliffs

25 ~~June~~ May, ~~del Norte St., Berkeley, Alameda Co.~~ CA
2 violet-green swallows - good
look, over elms briefly at 9:47 am
28 May at least 2 at 4:24 pm looked like
violet-green.
29 May 9:39 am one white bellied, dark above
swallow flying over tops of elms.
15 May 1990 1:11 pm 1 E to W over elms. no I.D.
22 May 2:43 pm 1 high over elms, against dark sky
29 May 1991 9:17 am clear 1 which seems to
be a violet-green swallow well over trees
tow. white venter & side view white flanks.
21 June 1991 9:59 1 flying fast about top of NW
elm V-G swallow (?) white breast - venter.
20 May 93 9:48 am 1 flying over elms short tail
27 May 94 10:45 am clear, 1 V-G over the
elms up St.

Christmas
1987

Parus rufescens
= Poecile

9 Sept. [illegible] St., Berkeley, Alameda Co. Cal
4: pm pair in oaks in front, [illegible] in Atlas Cedar. Have not seen many this summer.

18 Sept 1 pm clear warm 2 in cedar, no calls.

25 Sept 1 pm clear, breezy, cool 2 pair in oaks & in thick branches of the cedar.

2 Oct. several flying from oak area to NE — then several foraging in bare top limbs (—½") in elms to NW. They are not seen everyday — is this a small wandering flock or resident individuals?

3 Oct. 2 in cedar — very active flying about

14 Oct. seen almost every day, especially with bush-tits. Yesterday two in oak pecking at remains of acorns the squirrels have gnawed.

16 Nov. 2 pm several in cedar

2 Dec. one in oak cloudy

6 Dec 1:50 pm partly cloudy, one with a group of bush-tits in oaks in front.

9 Dec 3:23 pm, raining, one alone in oak.

10 " see bush-tits

22 " 9:03 am one with bush-tits in oaks

13 Jan 10:45 am cloudy at least one with a flock of bush-tits in oak.

30 Jan 11 am two & a bushtit flew from oaks into Pittosporum.

2 Feb. clear 4:10 pm 1 in oak, also same tree R-C Kinglet

8 Feb. 4 pm one foraging alone in oaks & photinia

9 Feb. 11:44 pm what appeared to be two foraging in oak, flew to Pittosporum

3:47 pm one almost in top of NW cedar changed perches — didn't see it "foraging"

15 Feb., del Norte St., Berkeley, Alameda Co., CA.
3:30 pm one flying from cedar to Pittosporum & back, in several minutes a small flock of bush-tits came into oaks
24 Feb 4:16 hazy sun — one in oak flew NW It flicks wings & tail in part, constantly changes position of head — tilting & shifting position on perch — a classic of rapid peering. All this on exposed verticle new 18" new growth (last year)
1 Mar. 9 am one foraging in Oak.
7 Mar 9:59 am two foraging in oak inside canopy, active, when they hit a branch the branch moves! upside down, short flights, hop from branch to branch.
13 Mar 1:28 pm one on power line to house W. of house went into oak, then two fighting in flight — nose to nose & both flew N — low.
16 Mar. 2:45 pm one flew from Pittos. to the new feeder hanging at N end of upstairs ledge — saw me at 5' & away but grabbed seed from lower perch (small seeds, not sunflower) flew back to tree but returned. This is first use of this feeder that I have seen. The house finch model still in place.
18 Mar. 9 am 2 in oak & one investigated the dead Rhododendron. Yesterday at Jewel Lake area in Tilden oaks one chasing another — all these birds were in beautiful bright plumage.
21 Mar 1:27 pm ♀ H. finch on new feeder — small seed this sp. from power line to wis — it was supplanted by ♂ H. finch — this sp. to sunflower.

21 Mar., del Norte St., Berkeley, Alameda Co., CA
side, picked up one sunflower ("small sack") & dropped it. Back for another & it flew off into Pittos. with it in bill.
24 Mar 9:30 am one to phone line then feeder hopped from perch to perch very selective in choosing food — thus it picked larger sorgum seeds — flew off with one. Back in 3 minutes & it chose a sunflower seed this time & flew down into front yard with it. 10: am 2 in oak, calling buzzy like "Tsip" rather harsh
29 Mar one to line & new feeder tried sunflower seeds — dropped it & flew off 9:30 am one flying into oak; several minutes into Pittos. 4:27 pm one in feeding in the oak — lots of flights oak to ll
17 Apr. 3:20 pm a flock of 4 or 5 in apple tree & photinia; lots of calling "Tsick" between them. Is this a new family — the first brood of anything besides the 2 doves? 5: pm watched one in oak — it fed exclusively on the edge of the canopy with many short flights of 25" to 3' feet on other position near ends of branches.
25 Apr heard them in oak — 2 flew N — lots a T-see calls, some Tc-ee-e-e-e
12:20 pm at least 2 in oak — just a few T-see calls when they first arrived.
9 May 5:30 pm saw 2, and at least one more calling. One fed another at least 2 large green larvae one on line, other in oak.
11 May 2:10 pm several in Pittos. couldn't see well enough to count. Sick-a-dee.

11 May, del Norte St., Berkeley, Alameda Co., calif.
2:30 two came to feeder from NW elm (on line briefly - took sunflower then a sunflower & flew & unto it, back in 30 sec. for more but a ♂ house finch supplanted it on a perch - its now feeding. 7:15 pm 1 in oak canopy
SEE SCRUB JAY acct.
12 May 8:33 am one on line "see-e-e" and "see-e" a non-agitated location note.
13 May 2:04 pm one of line, flew up to landing about -2-3' intervals on line to feeder - couldn't figure out what to do - house finches had been feeding. a sharp "sick", then 2 of them - flew to oak. 2:07 its back & took a sunflower seed - it couldn't manage to hold it by feet so flew into Pittos with it in bill.
14 May one on feeder at noon "sick"
12:57 pm for an hour now, he's been around since there are no house finches present by "see-dee-dee"
15 May 10:10 am 2 - another and one to feeder. One foraging on outer part of oak - edge of canopy, short flight to another clump of leaves, searching among leaves
One came to feeder 2' from horned owl model put out to scare squirrels.
16 May about 2 pm 3 came into to feed - as far as I could tell only sunflower seed. Then to oak with others between 5 or 6?
17 May 2 flew into Pittos., 1 to feeder got sunfl seed - flew back. Second one flew in got same & held between 2 feet on perch & banged it with bill - first called "see-see"

17 May, del Norte St., Berkeley, Alameda Co.; Ch-backs back to feeder, house finch at another level. It drops milo & after sunf. seeds. Seems these are now regulars! They are not chunky — slim bodies and head a bit larger than "normal." 11:10 am. 4 or 5 from cedar to Pittos.; one at feeder chirped & vibrated wings (an imm.?) while 2 others got sunf.s & flew off.

18 May about 5 pm on front porch: first, 2 in NE corner of oak low. Then 17 bushtits were in tree for several minutes & then flew into Pittos. Then there were 5 or 6 this sp., which spent more time in oaks than bush-tits.

20 May 10:54 am one in elm across st. They are consistant in coming in.

23 May 10:40 am 2(?) have been coming in consistly — still shy 4-5' away & can see me. They call the sharp raspy "see-e" or "see-e-ē". They grab a black ("chick-ick") sunfl. seed & fly around Pittos to NW & down to pound it open. They alight on line inches from house finches with no reactions. Two in together at 10:48 am.

24 May 10:15 am The two that come in are getting much tamer. They hold the smaller sunfl. s. with both feet & bang away at it with bill — sharp hard pecks.

26 May none to 3:51 pm. Immediately one came in!

30 May 12:27 pm one from SE into top of oaks, into [illegible]. Then to feeder. There are two — another oaks to feeder.

31 May, del Norte St., Berkeley, Alameda Co, CA
8:25 am 2 in taking large sunfl. seeds,
"see-see" calls, 10:30 in quickly. two!
10:49 "see-e-e" this is the "chick-a-dee-
dee" call.
1 June 8:50 am on line & to feeder.
2 June 10:33 am in oak, hanging upside
down and at feeder earlier today & now.
4 June 8:22 am one scratched over wing
9 June 11:13 am one foraging in oak canopy was at
feeder earlier & on line & on ledge but not
down among doves & H.F. feeding at 4:03 - its
getting relatively tame when I'm close - 24"!
10 June 10:12 am 2 on line together calling one to
feeder then to oak they will alight on line
& briefly on ledge but not on the feeding
area
11 June 10:32 am 2 in with towhee & H.F.
12:15 pm 2 to feeder at same time, were
on line & in Pittos no one else about. They
can hang on feeder cup where a perch
has fallen off - finches can't do that.
back to feeder repeatedly.
14 June first in at 8:50 am, 9:44 2 on line
& at feeder. an abreviated "sick", "see-dee"
- a quick "see-dee" also. "sick-a-dee"
"seep-seep" very quick.
15 June 2:39 pm two into feed at feeder
2 on line 25" apart & a plain titmouse about
same distance - no antagonism between
16 June 8:57 am 2 in to feeder
17 June 10:04 am a 3rd chickadee on line -
one came to feeder.
18 June 9:06 am 2 from W & oak to feeder

Parus rufescens

19 & 20 June, del Norte St., Berkeley, Alameda Co., Calif.
very active this am 9-11 don't know how many

20 June 9 am 2 on line near oak; immediately a flock of bush-tits from oak to Pittos (10±)

21 June 10:24 am looks like there are 4, but two is usual

1 July in numerous times 8-11 am always to the feeder & once actually said "Chick-a-dee"

3 July one in brush at S end of landing. Then it flew to hanging limb & took a chunk of fat-cornmeal & flew to N. elm — the first bird I've seen go to this "feeder."

8 July two from oak & elms to W to line at 9:36 am one larger & was first to feeder They come in on & off allday. 11:10 am 3 on line only one to feeder. "sick" call.

19 July They have been coming in to feeder

22 July 10:50 am two but not close together in oak — one to feeder then off to N E.
SEE A. Hummingbird acct.

10 aug. 2 have been feeding regularly. 12:28 pm 1 at feeder - empty; flew to floor of landing - about the first time!

12 aug 2 in to feeder in middle of day

15 aug 10:15 am chickadee into hanging feeder the two here are well plumaged - they have evidently been through molt earlier than others.

18 aug 12:19 pm one hopping about among leaves of canopy in oak, rarely exposing itself - gleaning twig to twig.

Christmas 1988

Parus rufescens

Oct
3 ~~Exp.~~, del Norte st., Berkeley, Alameda Co., calif.
11:42 am one in, briefly twice, to feeder passed up most holes looking for small sunfl. seeds chose one & flew N into Pittos
4 Oct into feeder & flying between oak & Pittos bet. 8-9 am
18 Oct this sp. is present every day. It seems to be only 2. They come into feeder only or in oak or Pittos.
19 Oct 4:15 pm one in oak carefully, slowly going thru canopy.
22 Oct. 4:16 pm sunny one in many times it flips seeds (small) out of Droll-yankee feeder - only wants smaller sunfl. seeds.
1 Nov 10:15 am first one from Pittos to feeder.
3 Nov 11 am one or two active oak/Pittos & to feeder; typical call will come into the D-4 feeder with 5 house finches.
10 Nov 11:49 am 2 in separately to D-4 feeder - one supplanted by ♂ house finch
12 Nov 11:57 am off & on light rain. 1 (or 2?) coming into newly filled D-4 feeder - put in the small black sunfl. seeds that they like.
13 Nov 12 after a heavy shower a large (?) flock of bushtits in oak with at least one this sp. & at least 1 Townsend warbler
22 Nov light rain two are active in oak & Pittos. One line in rain & to feeder.
26 Nov 9:35 am one bouncing about near top of bare ~~up~~ NW elm. A pair has been about every day - very active: oak - feeder - Pittos.
5 Dec SEE bush-tit acct.

Christmas
1988-89

Parus rufescens

28 Dec., Del Norte St., Berkeley, Alameda Co., Calif
1:53 pm 40°F almost clear 2 from Pittos.
and the droll-yankee feeder - very active-
29 Dec. 11:36 am repeatedly in for small dark
sunfl. seeds. Usually a quick call.
31 Dec first time this am 2 into feed - 9:38 am
2 Jan 89 in off & on all day to D-4 feeder (put more
food in awhile ago). Two flew in from up st
elms across st to Pittos., then feeder. I have
not seen more than 2 at a time about, so
I assume its one pair.
29 Jan chickadees (2) have been consistant
in visiting the D-4 feeder, but come in later
in am. & most frequently from SW to oak
then Pittos.
30 Jan 9:30 am two in from oak, to Pittos &
then feeder - with a ♂ house finch.
3 Feb SEE BUSH-TIT Acct.
11 Feb in for first time this a.m ? 10am These
guys are consistant, in for small sunfl.
seeds; off & on thru day; late start tho.
two have been in & out to feeder for long
time - one dropped the larger sunfl. seeds
& flew off with the small black ones.
26 Feb regularly flying from feeder to Pittos
S of oak area - & return - 2 birds.
4 Mar sprinkles. 9:57 am one in to feeder -
first in this am - since 8+ am.
15 Mar 4:26 one in Pittos & another foraging
on end of vertical branch of new leaves -
leaning over & pecking under a leaf.
23 Mar. 8:40 one in N part of oak in canopy
feeding in new growth - catkins - it
hovered briefly on outside of canopy-

Parus rufescens

26 Mar., del Norte St., Berkeley, Alameda Co., CA
11:45 am two feeding in oak with new leaves & catkins. Will they feed more now on natural food than the unnatural sunfl. seed handouts.
30 Mar. 1:26 pm one foraging in oak inside canopy & has been at feeder
10 Apr haven't seen any chickadees lately
21 Apr. 9:02 am after rain one on top of vertical branches - very active. This is first one seen since above & not coming in for food at D-4 feeder.
24 Apr. rain stopped. 11:40 am - one on line adjacent to oak; joined by another that flew into oak branch (extreme N part) 1/2 way up tree; 2nd bird flew low to N followed by first one. 4:55 pm briefly at feeder.
25 Apr 3:05 pm one from N to oak, in canopy and on upper-outer, most branch ends. frequent change of position. another one.
28 Apr. 11:04 am one in oak with small green larvae crosswise in bill - flew N. 11:11 am one to D-4 feeder until displaced by ♂ House finch.
29 Apr 7:11 pm cloud cover - intervisits D-4 feeder & short 6:30 in oak on exposed part of canopy.
30 Apr. 11 am rain stopped, one in tossing out millet to find seeds it likes.
1 May 10:04 am one from Pittos to E part of oak. foraging under canopy mostly.
2 May 9 am one to feed briefly. No more watch
3 May 10 ± am one in to feeder & in oak.
6 May one foraging, outer canopy at 7:02 cloudy
13 May none since above

Christmas 1989 — Parus rufescens — 21

17 May, 100 Monte Cr. Berkeley, Alameda Co., CA
8:25 am one on line next to Pittos briefly — first in awhile! 9:55 am one to D-4 feeder - didn't like it, flew N
18 May 1:12 pm one in to feeder for small sunfl seed,
19 May 3:59 pm clear — from Pittos to oaks - one, it was well within canopy to start with 1-2 min. then a flight to outside — gleaning then flew down. One one?
20 May 9:45 am one to ledge briefly — looked about food & litter. it had a feather in bill — flew N. No call.
15 June fog 11:54 am one in to feeder for a few seed & off — very scruffy appearing
16 June first appeared at feeder at 10:20 am.
18 June 12:50 pm 2 foraging on under sides of horizontal branches of near cedar with soft "see-e" calls; numerous changes of perch & short chases 2'-6' one at feeder a few minutes later. clear
20 June 9:30 am at least one perhaps 2 in oaks — inside canopy — hard to see foraging slowly; not erratic change of positions few flights. This may be a new season feeding pattern.
30 June clear 2:52 pm one at feeder first chased off by house finches returned gets small sunfl seeds — hammers with bill while holding on with both feet. Now 2 chickadees
1 July 9:15 am two at feeder with house finches — perhaps another in the oaks — the "see-e-e" call.
2 July 8:10 am 4 chickadees on line 6-8' from house; some supplanting & one chase into Pittos.

3 July, Delnorte St., Berkeley, Alameda Co., CA
9 am one in oak, then Pittos. & perhaps 2 to feeder separately one was especially ratty - a juv? other rather sleek. Then in oak one investigated the unused squirrel nest.
4 July 11 am in oak & at D-4 feeder - only one
5 July 8:47 am 2 in feeding.
19 July 11:30 am 3 feeding at D-4. No obvious juv: calls a short, sharp "See-e" the most frequent call & a longer, lilting - nearly a song: "See-dee-eee" - almost a buzz.
20 July - 8:30 am. at least 2 at feeder & in the oak.
29 July 10:40 am one on line 15' from house; scratched over wing - head, i.e. saw 3 at feeder at 9 am. have come in consistently
31 July 12:11 pm 2 at feeder, one foraging in oak & another from S into Pittos.
8 Aug 4 pm dear 2 in to D-4
4 Sept 2 at feeder at 12:55 pm & a beautiful little song "seek, seek, seek" melodious
They have been here every day & still like sunflower seeds.
9 Sept 11:13 am 2 chickadees are into feeder. one on ledge briefly - not "typical".
20 Sept 9:31 am fog, 3 on line; in oak & in Pittos and coming to feeder. Can only determine how many when all here at once. They have been about consistently - one or 2 - actually one or 2?
5 Oct 9 am 2 chickadees to feeder from

5 Oct, del Norte St., Berkeley, Alameda Co., calif the SW. Pulled out & dropped 2 large white sunfl. seeds - Then picked out a small black sunfl. seed & flew N into Pittos with it.

14 Oct have not been to feeder as much as in past several weeks 12:36 pm 2 in top branches of W. elm - now bare in top 10 ±'.

22 Oct rain at 9:15 one in oak also T. warbler. Still comes to feeder. See bush-tit acct.

19 Nov 10:14 am one in W. elm - mid section mainly on branches over 4" in diameter - also a foraging kinglet

20 Nov. 9:42 am one on low small branches of first elm across St. actively foraging. noon - one to feeder, short all, flew off. 12:09 a flock of bush-tits about & 1 (+?) Townsend warbler in oak - joined by several chick-adees & more bush-tits See other accts think bushtits were first tho T.W. has been in oak.

22 Nov. 9:36 am frog came to feeder from oak earlier now one on needled branches of near cedar - very active - i.e., changes of perch. 9:38 one in oak with bush-tits & Towns. W. 9:47 one from oak to Pittos with last (?) of bush-tits.

23 Nov in with bush-tits before 9 = SEE Acct. 11:18 2 in from oak to Pittos & feeder 11:19 bush-tits to Pittos from oaks across st.! See Bushtit.

24 Nov noon one on ledge before flying to feeder

27 Nov 9:36 am 3, 10 ± sec. apart over W elm & oak into Pittos. from S. first time in today.

Christman 1989

Parus rufescens

3 Dec., Eldwaite St., Berkeley, Alameda Co., Cal.
1:20 am, 1 in canopy of oak - 1 or 2 to feeder since 9:30 am.

4 Dec 8:35 am 2 in top of W elm foraging. 9:52 am 1 in oak for 20 sec ± 2 surface-leaves gleaning.

7 Dec 10:19 am first into feeder this am were in oak where also a Townsend w.

19 Dec 9:16 am Two one from SW into elms up the St. - high then to Pittos. Then another from SW lower over oak into Pittos. They have been present every day at feeder - same basic pattern. In oak at times. 9:18 at feeder.

20 Dec See Bush-tit acct

8 Jan have been present
19 " " " " to feeder.
20 Jan " " to feeder; and more flying to NW elm. One to feeder at 10:43 & gave See-e-e call first in awhile.

3 Feb first this am. at 10:34 from SW, have been in every day.

11 Feb 2:39 pm overcast Kinglets, towhees & chickadees active in oak. This sp. in for more black sunfl. seeds. a balanced diet?

1 Mar. 11:50 am cloudy. has been to feeder several times a day & foraging in canopy of the oak.

2 Mar 2:20 pm light rain one foraging on outer edge of canopy - also 4 or 5 bush-tits

5 Mar 8:36 am one very near top of NW elm, 30 sec.

8 Mar in off & on all day - in oak.

9 Mar 3:40 pm feed today & on horiz. fir branches

Christmas 1990

Parus rufescens

15 Mar., del Norte St., Berkeley, Alameda Co, Calif.
1 in oak at 2:15 pm chickadees have no "body language" as kinglets, no rapid movements, etc.
6 Apr. in briefly for a black seed at 4:51 _ (Bruce)
7 Apr 10:09 am 1 to feeder "c-e-e" call been in off & on all afternoon
8 Apr 9:37 am 1 to feeder from oak.
11 Apr 11:52 into feeder.
15 Apr 8:30 " "
16 Apr has been in all a.m. This sp. is not gorging on caterpillars in oak.
17 Apr 9:12 am in to feeder early.
27 Apr haven't seen one of late!
29 Apr. 9:35 am 1 to feeder - 4:14 1 to feeder.
3 May 3:13 pm " " "
12 May 1 has been in occasionally yesterday & today.
14 May 9:02 am no food in D-4. It seems that at least 2 flying high over elms to near cedar. 10:37 1 at D-4 feeder.
15 May 8:27 1 at D-4 feeder.
16 May 8:42 am 2 at D-4 feeder. now
18 May 3:39 one in several times per. food in D-4.
19 May 9:35 am 1 in to D-4.
21 May 8:43 " " " 8:52 repeatedly!
4:30 pm 1 in oak awhile then line & D-4.
25 May 11:04 am 1 from New high area trees into cedar 90' up. food in D-4 is low.
4 June 10:50 am 1 in to feeder.
5 June 11:35 am 1 " " " "c-e" call
10 June 10:57 am 1 " " " no call.
20 June 2 chickadees to line & feeder and 2 more flew into Pitos. So 2 young? or 2 pair?

Christmas
1990

Parus rufescens

26 June Del Norte St., Berkeley, Alameda Co. CA
2 showed up on line at same time 5+ bush tits moved into oaks.
10 July 12:21 pm 2 in to D-4. no vocalization
26 July new food in D-4 1 yesterday, 1 today
27 July in several times today.
28 July 12:07 am 3 in to D-4. (from oaks)
1 Aug in off & on am & pm seems to be 2 & only one brief series of calls.
2 Aug in oak, Pittos & at D-4
13 Aug. 2:44 pm sunny - 2 at feeder "c-e-e-e" very melodious. Have been around.
14 Aug 12:50 have been 2 at feeder, oaks, cedar & W. elm. Fog, cool. much bird activity.
29 Aug 9 am looks like 4! 3 high in cedar & 5 elms; 1 already on line & Pittos.
3 Sept 1 pm in last 15 minutes several times have seen 3 at D-4 feeder. SEE red-breasted nuthatch acct.
10 Sept 9:14 am fog 2 at D-4 feeder; a few "c-e-e" calls; foraging within canopy of oaks and on end of branches; 1 hovering gleaning.
13 Sept noon 3 on ledges. They are in off & on all day - sometimes defer to nuthatches, always to H.F.
14 Sept 11:08 am 3 on line at one time. This am constantly feeding - in & out
26 Sept. 4:21 pm 3 at feeder here every day.
8 Oct 1:04 pm 2 feeding in oaks, this sp. has been at D-4 feeder consistently.
9 Oct 10:20 am 1 in briefly - first of a.m. with H.F. already in for first time

Parus rufescens

12 Oct., Del Norte St., Berkeley, Alameda Co., CA 12:06 pm 3 at D-4 feeder, a little displace-ment, tho not squabbling like H.F. Spsee e-e calls only. 12:37 pm 2 thru N w' elm- 50' up on S side.

13 Oct 10:54 am 1 actively foraging in oak while 2 at D-4.

16 Oct 9:56 am the D-4 has been down (food level) for 2 days filled up 15 minutes ago & Sitta in Then at this time the first chickadee in for small black sunfl.

12 Nov after no food in D-4 for several weeks - filled yesterday & since about 10 am at least 2 at feeder intermittently. Also, foraging in oak with 9 townsendi.

13 Nov. 9:50 am scattered clouds. 3 at one time at D-4 feeder. none in before 9 am.

17 Nov 11:10 am clear, calm 2 foraging very actively within canopy of oak & have been at D-4 feeder. also a townsend warbler in tree now as earlier.

26 Nov. noon off & on this a.m. several to D-4 and back & forth to oak for feeding & one group of bush-tits in.

1 Dec. 10:26 am clear, cool. 3 thru oak to Pittos; then to D-4 feeder - first this a.m. This sp. consistant every day feeder & oak - Pittos.

31 Dec. 12:50 pm 2 in for first time today. They all in every afternoon.

6 Jan 91 They have been very active feeding at D-4 feeder & in oak consistantly.

8 Jan 12:30 pm overcast 2 from oak to Pittos & D-4

Christman
1991

Parus rufescens

23 Jan., del Norte St., Berkeley, Alameda Co., CA
first of day 2:15 on in afternoon at D-4.
26 Jan 4:03 2 at D-4
31 Jan 11 am 1 at D-4 first in several days
1 Feb 11:05 1 " " " in snow.
2 Feb have been in all day to D-4, maybe 3 (?) now 1 foraging slowly methodically in canopy; on exposed edge. Not "rapid peering" as Regulus
12 Feb 9 am 1 foraging in oak (also 2 towhees)
1 Mar have been in every day 11:14 am actively feeding at D-4, on line, & in oaks & Pittos. no calls.
8 Mar 6:11 sun has set & they are still coming in - have consistently
12 Mar 8:20 am light rain 2 to D-4, oak, etc
14 Mar to D-4 & in oak
21 Mar 4:05 1 in oak feeding among catkins.
25 Mar 1:57 pm sun & clouds 2 in oak feeding among oak catkins.
26 Mar 4:13 pm sunny at least 1 feeding among new growth in oak,
27 Mar 3:53 pm clear 1 (+?) actively foraging in oak, not much at feeder today
2 Apr 1 foraging in oak at 4:22 pm feeder not often today
11 Apr Joe Mish, claims a pr. are using a bird box at his place to SE of here on Amador St.
12 Apr haven't seen any for a while!
16 Apr 2:59 1 in to D-4, first in some time
18 Apr 10:28 1 at D-4; back repeatedly 3:33 1 feeding in oak.
19 Apr 10 at least 1 to D-4 frequently.
20 Apr in to D-4 several times in a.m.

Parus inferiens

3 May
4 pm, del Monte St., Berkeley, Alameda Co., CA
10:15 am 1 in to D-4 - food is here!
5 May in off & on all day, even among H. finches
13 May has been raining, 9:38 am has been in to D-4 even with H. finches about. I went to window to look down on the street - 1 at D-4. It saw me & didn't fly - it was about 24" away. Last week I washed the windows & 1 to D-4 - less than 36" away from me. This is the tamest species that regularly comes in to feed. The band-tail is the shyest.
17 May 11:25 in feeding off & on.
14 June noon - in to feed & have been.
16 June 12:17 2 in oak in backyard
17 June 11:10 clear 2 at D-4.
18 June 12:52 fog/" ; 2 on line, H. Finches at D-4.
24 June 2:32 1 into D-4; fog. have they
9 July 12:18 pm fog; 1 in briefly. where been?
19 July 10:09 am fog 2 from oak to line 10' from house & crowding in with house finches at D-4.
21 July 10:27 am. 2 at D-4; 1 foraging in oak.
30 July 3 sunny 1 flew from D-4 with a white sunfl. seed! This is an exception, perhaps since.
6 aug a.m. fog 2 have been to D-4 rather consistently last week +, and foraging in oak. 1 in molt & 1 in full bright plumage.
2:04 3 at D-4
10 aug at least 1 (or 2) in this a.m.
16 aug 8:20 am 3 on line & at D-4.
27 aug 10:25 2 on line 10' from house & 1 at D-4.
17 Sept 1 or more into D-4 consistently - they rarely go to ledge, etc.

Christiaan
1991-92 Parus rufescens

21 Sept, del Norte St., Berkeley, Alameda Co. CA:
12:19 at least 3 back & forth cedar, oak feeder & Pittos.
3 Oct They have been in everyday. at 9:52 3 at D-4 with house finches.
14 Oct 12:13 pm clear. Filled up D-4 this am. H. Finches have not been in to it yet tho this sp. was in rather promptly. 12:32 at least 3 coming to D-4.
15 Oct 10:30 am clear 1 hanging upside down on cluster of oak leaves 18" from top of oak. Have been to D-4, etc also.
7 Dec clear after rain, 4 chickadees oak-Pittos & D-4
19 Dec 9:15 am clear calm 2 show up for first time this am. This sp. here & to D-4 everyday, no calls. at least 2, sometimes I see 3.
21 Dec high cirrus & windy 9:51 am 3 from oak to N. Pittos - then to D-4.
31 Dec 9:09 am clear 1 over oak from SW to Pittos. First of am. This is a pattern - then Pittos, D-4 and oak.
27 Mar 1992 This has been about & about everyday since Dec. Today bright & clear, 2:07 2 in apple tree calling "see-e-dee" Then 1 from Pittos to oak, plus 2 more in Pittos - so there are 5! Are these young of year & parents?
29 Mar 9:15 am overcast. walking up steps 1 with a big fluffy ball of cat hair (from my cat ISIS) flew S.
31 Mar one killed by cat! see journal
7 Apr 10:27 am 1 with cat hair, flew S.

Christman

1992-93-94 Parus inornatus

22 Apr., del norte st., Berkeley, alameda co. calif.
1 in briefly on line
25 Apr 9:33 calm & clear 1 to D-4 & in Pittos- flew S. 9:35 back to D-4 threw out large white sunfl. seed, flew S with small dark sunfl. seed.
22 May have been in once in awhile ie 1's.
28 May 10:14 1 at D-4 first in awhile. 6:25 3 on line 6-7' from house. 1 to D-4.
8 Jun 10:40+ seems to be lots of chickadees on line, Pittos & oak & D-4 can't see all at one time.
11 Jun. 9:18 am 3 on line calling "c-d"
1 July 10:57 2 from S to line, D-4 empty
3 July 9:57 am sunny 3 at D-4 "c-e-e"
21 Aug 9:40 am 1 foraging in oak.
16 Nov 1:30 2 in oak, edge of canopy. They have been about practically everyday to D-4.
17 Feb 93 have been in everyday. 1 time
15 Dec 93 1:52 - 4 to D-4, etc most seen at
24 Mar 94 9 am 1 in back patio on branches, tables, etc with a feather in bill, departed with a bit of 'fluf'. A pair in consistently
7 Apr. 1:37 sunny 3 on line between oak & Pittos. 1 to Pittos, 1 to oak, 1 on line! - ?
3 July 94 as usual to D-4. at 12:30 (clear) first time this yr? - 3 at D-4, a juv?
14 & 17 Apr 95 they are back! after not coming to D-4 for a month, 1, 2 came back to feed.
2 Apr 97 This sp. at D-4 feeder thru the winter. There are 4 or 5 consistantly.

Christmas 97

Parus ref.

11 apr

~~8pm~~ 11am at least 3 in oaks/ base Linden many short flights making soft melodic twittery calls.

Christmas 1988

= Baeolophus

Parus inornatus

7 Mar., del Norte St., Berkeley, Alameda Co., Cal
9:30 am have heard the loud, clear "chibib" call to SW. When we first moved here they were in yard but disappeared after several years.

19 May 10:10 am, one came onto the ledge briefly, saw me & went into the Pittos. No call, a towhee in feeding.

21 May 8:38 am one in feeding with Stellar's jay, dove, house finch & Fox Sp. It was on ground — how long before it discovers the feeder — no calls. 9:49 am I thought I saw one in oak, but in heavy canopy saw only a large eye — not a bush-tit. 10:52 am two in on ledge, very frighty — sp. also.

26 May one flew in & hit window in front of me at 10:15 am. — not hurt, flew off with a large sunf. s. So far I have not heard any vocalizes — except for 7 Mar. 3:52 one in — all ways on the ground

28 May 4:13 pm one in feeding.

29 May 10:33 am one in feeding, another on line. Has blue-gray legs 7:42 pm in several times but shy & nervous, looks about — can see me & easily frightened by other birds flies into Pittos, 7:45 pm flew away with large sunf. back almost immediately — guess he dropped it.

30 May 9:53 am one in & took large sunf. s. flew

31 May 10:30 am into landing.

5 June one or two, can't tell have been in canopy of oaks but mainly from Pittos to landing — yet to be seen at feeder (opposite for chickadees) No calls heard. will come in with the others. Takes the larger white sunflower seeds

Parus inornatus

5 June, del Norte St., Berkeley, Alameda Co., Calif.
3:48 pm in among the crowd, flew quickly
10 June in several times before 10:30 am no one else about + carefully looking over litter in feeding area. When never to the feeder?
11 June 12:07 pm one in for a quick grab. only one bird?
13 June in briefly at 10:22 am to & from oak. 11:11 am "Sur-r-r" call; two on deck one flew to oak other from Pittos. 12:11 pm one from Pittos for sunfl. s. It flew back into the leafy tree to well within the canopy — completely hidden after consuming seed it hopped about semi-bare limbs on outer edges of canopy to fly back to landing. 1:39 pm back at it — both of them. 1:41 one to landing — to Pittos.; other into oak These are extremely quiet birds! 8:23 Sunset one came in via line, real plump of ruffled feathers "shree-e-e" & back in to Pittos the last bird in — no others about.
14 June first showed up at 8:50± am. 9:28 am one in a low, quiet, "r-r-r", short and rasping. 9:40 in again quiet, un obtrusive, flew away with small bl. sunfl. seed. tried to hold it in feet on flat surface — didn't work flew with it.
15 June one in at 1:20 pm. fog
16 June 7:57 pm fog coming to ledge (N) from Pittos gave a low, short growling r-r-r-r-r then to land for sunfl. s. a return, again, again, on outer limbs of canopy of Pittos — gleaning from leaves & to landing

17 June, del Norte st., Berkeley, Alameda co., calif.
2:25 pm one in to feed several times with towhee. no call. 3:15 one in brush s landing 3' from juv. jay (scrub).
18 June 9:50 am one came in briefly - the crest is extremely mobile from down with the tip almost at the nape & not so evident to nearly vertical and most always. 8:19 pm at sunset one in for seed.
19 June in early. 7:46 pm in with dove & H.F. no calls fog & quiet, crest up - like song sparrow perhaps
20 June 8:45 am one in from Pittos. - it flew in from the S.
22 June 12:10 pm 1 in several times for large white sunfl. seed - no calls; H.F. in also.
27 June in several times 10:30 am quiet.
29 June 12:18 pm clearwarm one came in (first today I've seen) flew off & juv. came in - no call - a chase-off. ? briefly
30 June 11:27 am for first time onto feeder
1 July am several times in a.m. - no calls
20 July 12:43 pm into feed, here before earlier, a short, slur call, not loud - "chelick"
12 Aug haven't seen it of late, was in oaks & on line but didn't come into feed. 2:39 pm in feeding from oak, on floor.
18 Aug 11:23 am one in briefly, saw me, flew
30 Aug 7:22 pm sundown clear, a high, rasping "e-e-e" - one came in saw me & flew - seems to be only one now.
20 Sept in several times.
27 Sept 10:49 am one in several times. First time, low harsh "er-er-er" call after sunfl. seeds. Carriers, perches & looks about - from

27 Sept., del Norte St., Berkeley, Alameda Co. Cal. Pittosporum 10' to N. & flew off with seeds into oak 25' SW.
4 Oct foraging in cedar on horizontal branches 15' from trunk 30' up - only 1
9 am one in Sambucus in back hammering away at a sunfl. seed 20' up. held the seed in the feet. 9:13 in Pittos. flying onto landing briefly to pick up seeds. 11:35 am in 3+ times from Pittos. always lands on ledge first. The crest is very mobile from high - tip is behind eye. to not so high. a rapid series of "sicks" harsh. flew to feeder (droll-yankee) & hopped to all 6 perches & didn't stick head in any - it prefers sunfl. seeds on the flat surface of landing.
19 Oct in oak at 8:23 am then line to landing (♀ townsend warbler in oak also). 4:15 pm 1 near top of oak concealed in canopy then on top (exposed) of a small limb & picked a 1/4" acorn & into canopy - hidden no calls - only one has been seen!
31 Oct 3:32 pm one briefly on line; into Pittos. - 4:30 pm briefly on "D-4" feeder perch ♀
10 Nov 2:18 p.m. one methodically going thru oak E side, 8' from top, in canopy most of time
14 Nov 11:07 am cloudy. one to D4 feeder when a Parus rufescens also on perches it peered about & flew off. 2:05 briefly back to feeder
19 Nov 12:37 pm one to D-4 feeder but didn't peck at food; (also chickadee) it scolded the high sharp raps.

Parus inornatus

22 Nov., del Norte St., Berkeley, Alameda Co., Calif.
2 pm has been in Pittos under leaf clusters with crown down flew into feeder for one large sunfl. seed! is chattered.
23 Nov. one near top of w. elm, bouncing about
9:55 am in oak on ends of branches looking at clusters of leaves at growing points. to feeder took a large sunfl. seed & flew to oak. These guys are not afraid to be exposed at ends of branches at canopy edges
1 Dec into feeder several times about 2 pm - it sees me & flys to Pittos - very shy of me!
3 Dec clear, still, one calling from oak to Pittos to feeder, sunfl. seed, to Pittos. Then chickadee from oak to line to feeder; this sp. returned. put at food on deck at 10:57 am 11:02 this sp returned to deck - its typical rasping chatter - 2 of them.
29 Dec 9:10 am one in first dive seen in awhile.
8 Feb '89 11:09 am windy & overcast, 1 in to D-4 feeder pecking at food. First in month +. 12:11 pm in again - called; this individual seems larger & larger crest than other that was here last year.
9 Feb 3:37 pm one in briefly with H.F & chickadee back with a dove & towhee about.
15 Feb 12:57 pm one in briefly to D-4 feeder.
21 Feb 9:40 am one calling "sweet - sweet" land off in distance. 9:52 close by; 3-5 notes in a series. SEE Hutton Vireo Acct. a fuck up!
9:57 am in cedar, exposed on top of middle clusters & on dead branches. sweet-sweet calls every 5 sec. and short bursts of harsh trills, not musical - rachety?

Christman
1989

Parus inornatus

21 Feb., del Norte St., Berkeley, Alameda Co., CA
10 am it is still giving bursts of harsh trills. — 4-6 short notes run together.
10:02 change again to series of one loud clear note "seep" — each distinct.
10:10 am one flew from oak to line 24" from house & surplanted ♀ house finch to edge of ledge on wire, saw me & flew to Pittos. no calls. In past 15-20 minutes it has made a number of calls & seems to stick to one call for 3-5 minutes then changes. Is there only one plain titmouse?
4 Mar 8 am One came to feeder twice for larger sunflower seeds — on line 2'-1' from house, called, to Pittos. Usually feeder birds don't come in this early. not chickadees or house finches. This bird large, big crest & nervous quick movements.
16 Mar 4:15 pm one in briefly. no calls; but have heard several calling today, close.
17 Mar scattered clouds 7am one calling neighborhood
20 Mar 9:06 am one to feeder, call a short sharp "B-e-e-e".
23 Mar calling two time in middle of day — "sweet - sweet" for at least 10-15 min. each time. Saw it 18' up on bare twigs of w. elm about 3. didn't see it at feeder. 3:59 one in Pittos. under canopy on 1/4" branch — also a chickadee nearby. This sp. shier than chickadee.
4:06 pm one in briefly saw me & flew with food.
4:26 back to D-Y feeder with a ♂ house finch & flew
4:28 back took a small black Sunfl. seed
no calls when close in to feed. 4:29 on floor of landing with a towhee

[illegible]

Parus inornatus

25 Mar, del Norte st., Berkeley, Alameda Co., CA
1:13 into D-4 feeder; no food; no call
was calling in back yard calling 1:33
in again - "se-e-e" not loud. to large Sunf seed
in oak loud "we-we" not as pronounced
as "sweet" - a variant; 2 part.
26 Mar. one on line 10' from house - a chickadee
2 ft away, three times titmouse hopped to
supplant chickadee until the latter flew
27 Mar 4:23 one tearing away at ends of
oak new leaf or catkin clusters - eating catkins?
28 Mar. 6:45 am one calling - light drizzle
2:07 one into feed on landing -
1 Apr. 2:50 pm one from Pittos. to wire at house
for 20 sec. then to landing to oak seeds & back
to Pittos.
4 Apr. 12:51 pm one singing down st -
first have heard today.
10 Apr one calling in distance haven't seen any
13 Apr 11:21 am fog, 2 part call close in - ?
19 Apr during a.m. several calls in distance
25 Apr 3:08 pm one from oak to Pittos., no call.
18 May briefly on N ledge then flew to oak - no
call at 3:07 pm; didn't go to food.
27 May 2:49 pm one in to ledge briefly.
20 June 8:39 am one in on landing to feed
no call & it appears to be molting
23 June 8:13 am one in to feeder briefly but
(chased) away by lots of house finches, to
ledge - big head - crest; flew to oak.
8:31 from oak to near cedar - changed perches
- 30 sec + on dead branches - smallest
much peering, pecked at small limbs - a
slow methodical hunter[?]

1 July del Norte St., Berkeley, Alameda Co., CA one in briefly 10:45 am. Seems to be molting. 12:25 pm at feeder, not same individual 12:58 pm back, several times with the 2 chickadees & H-F. Takes sunfl. seeds & flies to Pittos.

2 July 8:43 am short crest one on edge of canopy floats about the squirrel nest.

3 July 8:38 am short crested one into feeder which is empty — quiet rasping call "che-e-(buzz)"

4 July 8:45 am clear one in for a large sunfl. seed flew, returned for another. 10:17 in again, H-F squabbling for perches on D-4 feeder, so it went under on landing then flew off. - seed - ?

5 July in at 9:48 am = short crowned one food about out in the feeder. Now it seems to be mouthing the millet but couldn't tell if it ate the millet. Interestingly 3 house finches on feeder — they squabble among themselves but kept the titmouse alone & it was not frightened off.

15 July They have been coming in rather sporadically, but 2 — today one to D-4 feeder — no molt an upright crest but not large. another one yesterday is molting & crest is large & missing about half the feathers; it gave a rasping be-e-e-e call in Pittos.

20 July 8:15 am 1 (no molt, small crest) on line near Pittos, then into oak.

23 July 9:36 am one briefly to feeder - call rasping "Chee-e"

1989 Parus inornatus

23 July, 661 Vista St, Berkeley, Alameda Co., Calif
10 am one with short crest on ledge then to feeder (recently filled) for a large sunflower seed, flew to Pittos. another one in oak within canopy slowly moving thru foliage — its head is in very patchy molt — no crest. 10:27 am one with short-erect crest foraging on small terminal (~1/4") branches 80' up.
28 July one in several times to feeder, small crest
8 Aug 4 pm clear short crested one in D-9, molt then in again to landing with H.F.
10 Aug. 9 am fog in to D-4 briefly then to oak
24 Aug 8:51 am 1 to feeder briefly, 1st in awhile
25 Aug 8:30 am one in to feeder briefly.
28 Aug 11:48 am 2 in from oak to line 2' from house one to feeder, one to landing at feeder ate some millet then flew off with a large white sunfl. seed. 1:03 pm one back with rasping call.
1 Sept 8:30 am fog one on top vertical branches of oak — 4 separate branches, small crest.
9 Sept 12:43 pm almost clear; one on top of vertical branch NE side of oak 5' from top for 15± sec. then to wires at ledge then to feeder (which is low on food) then flew into Pittos — returned briefly to feeder. 12:58 perch to perch on the feeder then supplanted by a house finch. 1:24 flew to wires from Pittos. — since refilled the feeder all perches have house finches. This sp. to landing under the feeder
15 Sept 2 in at 11:40 am one to landing.
19 Sept 3:40 about 20 from Oak to scd

19 Sept del Norte St., Berkeley, Alameda Co., Calif
one in about noon, nice topknot, no molt
24 Sept 9:47 am fog, one in oak then flew
to horizontal limb in near cedar 70' up.
9 Oct. 10:30 am on the deck down stairs:
one in Linden tree then into base of a
bamboo clump, on ground also then
back to Linden tree – flew N.
15 Oct 10:37 am one near top of oak, to Pittos
then feeder picked out something & flew to oak.
First one seen since 9th.
22 Oct 9:30 am one in Pittos, then line
then landing, to Pittos with single seed
back to feeder.
4 Nov 9:40 am one in from N to feeder
then to landing to pick up ? seed, to oak
13 Nov 12:48 pm fog 2 near top of oak, both
in canopy & on outside branchlets.
17 Nov. 11:20 am one at feeder, skittish – to
Pittos. noon – back, and on the landing
no calls. crown not expanded or up.
4 Dec 8:37 am one to feeder "see-chix-chix"
5 Dec 12:04 pm one at feeder (filled up yesterday) with 2 house finches – pulls out &
dumps millet.
10 Jan 1990 10:22 am one twice to feeder
13 Jan 10:57 am one into feeder, displaced by
house finch (chickadees also in) - 1:41 pm
1 foraging in cedar needle clusters –
close to bunch of bush-tits in oak.
SEE ACCT.
19 Jan 2:46 pm windy one to feeder, chickadees about
will not come to feeder if chickadee at first
2:50 it came in with 2 chickadees!

Parus inornatus

22 Jan., Ed Norte St., Berkeley, Alameda Co., Calif.
10:30 one at D-4 feeder flew off with large sunfl. seed - to oak; then another on landing, flew off, then returned to the feeder. so a potential pair - ?
also chickadees feeding
23 Jan 1:17 pm one in several times to feeder, call : See-e-e. in with House Finch & chickadee
30 Jan 8:51 am after rain 1 to feeder briefly later, in near cedar & on line - to feeder 10:05 took small black sunfl. seed to oak - 25' away.
21 Mar for 2 mornings about 7 dive walked to Solano ave., and heard "su-weet" calls 200 yds W. of here.
3 Apr for a week + have heard the call: "sweet" - this sp.? Now at 12:42 close but can't see.
7 June 6:13 am. 1 in to feed on landing then 2 of them.
26 June 12:15 pm 1 in to landing flew off with sunfl ? seed. 3:01 pm e-e call - 1 to feeder black sunfl. flew into Pittos. Cust down to bottle times
3:10 back again no call.
1 Aug 10:38 am 1 on landing, no call, in molt.
11:21 am 1 back or another to line then landing. Perhaps this 1 not molting as much ?
11:27 1 flew at ♀ House Finch at D-4, then to line & back to a lower perch & returned briefly.
2 Aug. Foraging in Pittos - only 1 seen.
3 Aug 3:35 pm sunny; 1 in oak top of vertical branches
7 Aug 8:44 am 1 in; landing & D-4 no call.
14 Aug 11:40 am 1 foraging in thick oak canopy 20' up.

Christmas 1990

Parus inornatus

14 aug., del Norte St., Berkeley, Alameda Co., calif
cont - then to D-4 briefly
9 Sept 3 pm what appears to be 1
foraging in cedar - needles & on 1-3"
branches 40' up. no calls. 9:52 am fag
1 exposed branches of oak, to Pittos - preening
& bill wiping.
12 Sept 9:27 am 1 to D-4, flew to Pittos
with large white sunfl. seed.
13 Sept noon 1 briefly at D-4 feeder flew N
15 Sept 3:13 pm clear warm 1 foraging, with
short flights in oak well within canopy
3:20 one flew from top of oak to Pittos
branch & is banging away something - ?acorn
23 Sept 9:45 am 1 in cedar 60' up then
flew to Pittos 50' up. chickadees to D-4.
6 Oct 3 ± pm 1 on line briefly, into Pittos.
10 Oct 10:35 am 1 foraging in oak, then to
Pittos., no call.
no call
12 Oct 1:50 pm 1 foraging in oak in backyard
17 Oct 11 am 1 in small oak in backyard
-SE - making scolding e-e-e call.
1 Nov 4:42 pm 1 foraging in oak canopy
and on outside, exposed part of canopy.
7 Nov 4:31 pm 1 on outer edge of oak
actively feeding - to line, then into Pittos.
9 Nov 12:07 pm 1 in Pittos - dense stuff, no call
13 Nov 12:24 pm 1 from E into oak canopy,
briefly exposed then back into canopy
15 Nov 4:12 pm 1 over house to top branch of oak
17 Nov 2:45 pm dull sun, 1 to line 1' from house
to ledge picked up something & flew to oak.
23 Nov 3:48 pm 1 in atlas cedar, top of needles 60' up
25 Nov 10:50 1 in oak canopy, end of branches in rain

Christmas
1990-91

Parus inornatus

26 Nov delfrate st, Berkeley, Alameda Co., CA
4:17 pm 1 on top horizontal cedar branch
3 Dec 11:59 am overcast 1 in Pittos, no call-
8 Dec 3:26 pm bright sun, 1 on exposed vertical branchlets of oak.
18 Dec 3:25 pm 1 in oak with bush-tits.
25 Jan 1991 1:38 1 from E into oak also a Townsend Warbler in oak.
1 Feb 9:33 cloud 1 to ledge B. towhee lit near it — it flew.
2 Feb 1:04 1 foraging in oak, several times on upright branch, exposed.
4 Feb 1:39 1 in oak with chickadees & bush-tits and 1 on line 4' from house. [1:43 18 from oak to Pittos = bush-tits i.e.]
19 Feb 3:27 pm sunny 1 from S to Pittos then briefly to D-4 — flew back. All the while a ♂ & ♀ house finches feeding at D-4.
3:32 back to feed minus finches seemed to throw out millet — flew off when a finch flew in.
20 Feb 1 in to D-4 at 7:15 am + 1 chickadee
25 Feb 5:44 pm 1 from oak to line to ledge & D-4 chi-chi-chi call briefly.
26 Feb 1:50 pm sunny 1 to D-4 briefly, in Pittos.
2:03 pm flew back to Pittos with large white sunfl. seed 3:55 ditto. guess its habit forming.
27 Feb 10:13 am light rain 1 to D-4, to oak with large white sunfl. seed. 10:19 1 perched on vertical branch of oak, E side 30' up, light rain
10:20 flew under canopy.
28 Feb 10:13 am 1 in briefly, to oak, then line.
4 Mar 10:40 am light rain. 1 on lower branches (1" diam.) among samaras, NW elm } 30' up

Parus inornatus

4 Mar., del Norte St., Berkeley, Alameda Co., Calif.
10:48 am continued - now in oak on the vertical branches on edge of canopy, then within canopy. 10:49 oak to D-4 with a house finch. 10:51 oak to line then ledge saw me - back to oak, then line & ledge again. chickadees to D-4, also but not as shy as titmouse! 11:17 1 to line then D-4, a chickadee to D-4 & titm. changed perch - The chickadee is very business like - titm. is shy - flies to oak, but the chickadee also does with a small bl. sunfl. seed.
5 Mar. 3:24 pm 1 on dead branch of Pittos to D-4 briefly. 4:38 to D-4 small bl. sunfl.
6 Mar. 4:46 oak to Pittos. 4:47 alone at D-4
9 Mar. 1:49 1 has been skulking in Pittos mainly on vertical branches or dead ones & been in to D-4 several times. 3:41 in then replaced by chickadee, this one is shy!
10 Mar. 9:43 am dandy! on dead branch in Pittos crest & body erect; it also bobs body up & down. 12:25 1 on line in light rain, & 4 H.F. at feeder. Its thoroughly intimidated. 12:33 from oak to line. no wing or tail flicks, but in a bobbing motion alters the angle from side to side in less than 45° arc. very erect. crest mainly down. 3:23 its been back quiet regularly - always to the same middle perch. Its not afraid to be exposed on the line or dead branch of Pittos. also flies to oak 3:57 at a top perch but chased off by House Finch 4:18 hes feeding among oak flowers

Parus inornatus

12 Mar., _Delaware St., Berkeley, Alameda Co., Cal._ 1 in dead branch - Pittos, to D-4 lower perch, flew when HF arrived - Back at 4:25

16 Mar 2:35 overcast 2 in Pittos. 1 to D-4 with crest down, other on dead branch with crest up, che, che, che call then to line. 2:39 1 on line 10' from house. crest up; into Pittos. 2:45 1 feeding on new growth - catkins of oak, 1 to D-4. 3:03 may have been a copulation high in oak under canopy on ¼" branch. 4 pm at D-4. Still at least 1 about at 4:40 - is this a pair, will they become residents? 4:54 - 1 at D-4, checking out all perches - holes throwing out millet; except when he put head in did he lower crest, flew away to oak with large white sunfl. seed. 5 pm another to D-4 crest never up! at

18 July 9:22 1 on landing (N) in to feed. Then D-4 & flew off with large sunfl. seed.

20 July 12:43 pm overcast 1 to D-4 flew off (with seed?) pert, erect crest.

21 July 10:42 am 1 to D-4 with 2 house finches - flew to Pittos with large wh. sunfl.

30 July 3:40 pm sunny 1 in with 4 H. Finches

5 aug 11:02 am 1 to D-4 hardly any crest - molting!

6 aug 10:03 am fog 1 to D-4 with HF small crest.

8 aug 11:10 am clear, 1 on line, to N ledge, then down under D-4. Min. later to D-4 which is now empty. crest periodically raised.

10 aug 9:34 am clear 1 to D-4 with 1 ♀ H.F. Its head in molt. are there 2?

16 aug 3:55 pm 1 on landing under D-4.

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1991-92 Parus inornatus

26 Aug, del Norte St., Berkeley, Alameda Co., CA
1 on N ledge at 12:50pm.
30 Aug 9:14 am Foggy 1 to landing among
H. finches flew off with a black sunfl. seed.
7 Oct 1:25 pm clear, 1 to N ledge
briefly then oak, crest up! perky.
14 Oct 10:08 am 1 on N ledge landing, pert crest
up (no sweet); upright, didn't go to D-4.
17 Oct. 4:11 pm clear — 1 on top of oak clusters!
18 Oct 5:48 pm 1 on landing feeding with doves
25 Oct 10:12 am 1 from oak to line briefly
then into Pittos.
26 Oct 11:21 broken overcast 1 from oak to high
in Pittos. with finches & chickadees at D-4.
31 Oct 7am 1 in to landing
11 Nov. 3± 1 to D-4 no call.
30 Dec 9:22 am 1 on upright branch of oak
then disappeared into oak.
6 Jan 10:17 am overcast 1 in Pittos. very shy.
10:23 briefly to D-4.
14 Jan 2:12 clear, calm 1 to D-4, saw me
made a quick, nullar "chee-ee", flew N.
2:52 1 in top of oak then into canopy.
27 Jan 11:38 am Hazy clear chickadees in to
D-4, then briefly 1 this sp. extremely shy!
3:53 at least 1 in oak, canopy & on edge of..
8 Feb 4:51 pm overcast. 1 in oak, exposed on canopy
10 Feb 10:37 1 perched on vertical oak limb
on edge of canopy — overcast
14 Feb 12:18 rain, wind 1 on vertical branch at
of oak, then into canopy. Crest small & up!
16 Feb 12:40 1 in oak, on vertical branch, then into
canopy. Have heard no 'songs' or calls.
8 Jan. 10:37 am clear, 1 in top oak, flitting about
small crest.

10 June,
9:26 am Fog, 1 on line briefly, then at
D-4 with 1 finch, small trees.
9:33 on ledge, then landing 9:37 now
2 feeding in litter on landing! 2:30
1 on line next to Pittos, then D-4 briefly.
11 Jun. 12:45 pm 1 on line 7' from house
saw me, flew into Pittos. 1:25 1 at D-4
flew off with big white sunfl. seed.
17 Jun 10:25 am 1 at D-4 with [illegible]
12:45 pm 1 on line then to landing
3:27 1 foraging in Pittos. at base of leaf
clusters, on line - not much of a [illegible].
19 June 9:26 am Fog 2 (!) on line, 1 is
pounding at a large white sunfl.
seed, then 1 at D-4.
20 June 1:31 1 to D-4 which is empty, flew to
1:33 2 at D-4.
21 June 9:47 am 1 at D-4 Fog.
22 June " " ", back at 10:45 am
Then 2 at D-4 with 1 chickadee at top.
26 June 9:16 1 at D-4 which is empty.
27 June 9:59 am Fog 1 in (& earlier); is molting
10:07 1 at D-4 flew off with large white sun
fl. seed.
30 June 3:36 pm sunny 1 at D-4 (empty).
1 July 10:08 am 1 to D-4 briefly 12:36 pm 1 at D-4
2 July 8:53 am Fog 1 to D-4 flew with white s[illegible]
3 July 8:58 am Fog, 1 oak to line to D-4.
2:23 1 to D-4 overcast-
9 July clear hot 11:22 am 1 at D-4.
11 July 9:45 am Fog 1 to D-4
12 July 9:27 " " ", then 2, 1 on landing
13 July 10:01 " " " "
30 July 10:23 clear " " "

21 July
4:20 1 at empty D-4
22 July, clear, 3:52 1 at D-4, flew off with large white sunfl.
23 July 10:25 am. 1 trying at D-4 but scared off by finches, on landing - made low e-e-e ratchetting call.
28 July 12:34 pm clear, 1 to D-4 flew to Pittos with large white sunfl. seed.
1 Aug 9:37 am 1 on ledge to landing then to empty D-4. molting.
7 Aug 10:49 am fog 1 from Pittos to ledge & down to feed.
22 Aug 9:28 am clear, 1 in oak, Pittos & on ledge.
24 Aug. 9:12 1 to D-4, no call. In to landing 3 times under D-4 (just about empty) flew S with white sunfl. seeds.
28 Aug. 9:49 am fog, 1 into landing. 1:47 with a sharp note 1 to D-4 for a white sunfl. seed.
31 Aug. 11:19 am fog. 1 N. ledge & down to feed, heard no call.
1 Sept 9:46 am fog 1 to landing, no call
3 Sept clear, 11 am 1 on line, to landing
5 Sept 3:15 pm dull sun - 1 at D-4 no crest.
22 Sept 1:38 pm few clouds 1 at D-4 with 2 chickadees; call E-e-e.
24 Sept 10:56 am clear 1 in alone with a "Cee-e-e"
2 Oct 1:33 pm ½ clouds 1 quietly at D-4.
3 Oct 9:57 am clear 1 at D-4. Cee-e-e!
13 Oct 12:06 clear 1 at D-4, no call.
15 Oct 9:49 fog 1 to D-4

15 Oct.
1:45 1 at D-4 said: "chid-it"
19 Oct 4:15 1 at D-4 flew south wh. S.f.s.
22 Oct 10:43 at D-4, 1 'cee-dé'
6 Nov 3:33 pm clear warm filled D-4 at 1:30 took 1 hr ± for finches, then chickadees to come in — saw this sp. small mobile crest
16 Nov 11:12 clear has been in rather consistenly, in oaks & from W also Pittos as cover.
10 Dec light rain - 1 foraging in oak, 1 or perhaps (?) 2 at D-4 practically everyday
16 Dec 2:18 pm hazy, 1 at D-4 (filled at 1:40 empty for several days - when will finches come?
3:32 2 titmice about!
29 Dec 10:54 am wind - overcast, 2 at D-4.
1 Feb 93 have been in almost every day on landing with house finch at 11:01.
5 Feb 1:45 (and last Sunday) heard the typical spring call: sweet- sweet- sweet in neighborhood.
21 Feb sun, lull between storms - 1:25 - 1 at D-4 & another calling 'chew-chew'.
17 Mar 2:28 2 in - first today some rain
13 July 1 on N ledge at 4:10, clear, to D-4 empty
3 Aug 12:09 lots of cirrus 2 in to landing bath in molt.
5 Aug 1:09 overcast 1 to landing hopping about
8 Aug 11:22 am part fog; 1 in to landing.
9 Dec 10:50 am overcast e-e-e call & one at D-4 flew with large white sunflower seed.
23 Dec 9:30 am clear, cold, 1 to ledge / landing, for the D-4 is practically empty.

7 Dec
9:50 2 to landing & flew off with 1 large white sunfl. seed each.
17 Feb 7:55 am clear 1 in to ledge with housefinches & chickadees.
24 Feb 4:26 pm clear 1 in sisal then in - with no call.
28 Feb 9:15 am clear 2 in to ledge & D-4 no calls
2 Mar 9:25 am 2 in frequently to D-4, but also on landing - a greeting call between them - a very soft almost warbling call or song - short in duration another call
20 Mar 1:30 pm clear 2 to D-4; white sunfl.
11 Apr 9:35 am clear, 1 on line, then ledge & down - under D-4; to Pittos.
4 Apr overcast, 2 have been in repeated-ly for white sunfl. seeds. one has light edges to medial secondaries which gives a "V" on back, other plane. I've put out more seeds for them. They are in so consistently & frequently I suspect not incubating, perhaps feeding young!
25 June 2:10 clear, suddenly 2 to D-4, no call
24 July 7:17 pm clear, warm 1 in - wh. sunfl. s.
5 July 9:18 am clear 1 to landing for wh. sunf.
16 Sept 9:24 ~~in~~ in, no call. also 1 in yesterday
21 Sept 10:36 am. fog. 1 in to landing with a "Che-e-e-e" - no mate
23 Oct 10:20 am hazy clear, 1 in from S with a faint "c - y" to wh. sunf. pile!
17 Jan 95 7:55 am dull overcast - the "sweet" 3, call twice no calls reading
17 Aug. 11:09 am clear 2 on landing feeding

[illegible]

24 Nov
12:30 pm clear, 1 on line, then oak. no call
20 Feb 96 clouds: 1 in oak, apple & to D-4 twice (P. rufescens at D-4 consistently) no calls 9:45 am
10 May 10:19 clear 2 on line, 1 lingering flutters
10:54 3 on line, 1 fed 1 other juv.?
17 May 10:30 am clouds, 1 at D-4, e-e-e
7 June 10:55 am clear, 1 ad. at D-4, no call
11 June 1:01 pm clear 1 at D-4, no call.
17 June 1:20 pm clear. 1 at D-4, hardly across.
29 Oct 12:14 pm clouds after rain 1 feeding on leaves of Pittosp. very active, 2' flights
31 Dec. clouds, 11 am 1 in oak & pine, no calls.
28 Feb 97 5:35 pm clear calm one at D-4 pecking away seeds (there are large W.S.f.
14 Mar clear 9:50 a.m. 1 to landing & picked up & rejected shells of large white sunfl. seeds — flew N. no calls.
11 Apr 11:10 am clear calm 1 at D-4 & flew to Pittosp. 15' away — with a sunfl. seed?
1:10 1 at ledge then to D-4 briefly.
12 Apr. 9:47 am clouds 1 to D-4 flew N with S.f.s.
13 Apr 3 pm clear at least 1 in to D-4 feeder flying off with large white sunfl. seed.
16 Apr clear This sp. one at a time? — has consistently come into D-4 to take white sunfl. seeds.
22 Apr. 11:10 am clouds 1 to D-4?
30 Apr 1:40 pm clouds/sun 1 in to D-4 flew off with a big sunfl. seed.
7 July clear, 7:30 am 1 at D-4. 10 on ledge
17 July clear 1 at D-4 at 9:55
9 Sept 9:45 am clouds 1 at D-4; 1 last week

Parus inornatus

13 Sept
10:36 am clear (bits of fog) 1 into D-4, very shy, basin discovered suet, put out 12th
17 Sept 9:24 am clear, 2 in Pittosporum, no pine, etc. furtive; briefly to D-4 calls
19 Sept 10:20 am clear 1 at D-4 supplanted by red-brest. Nuth. again small bl. Sunfl.
10 Nov 10:04 am clouds (after rain) 1 in oak
23 Apr. '98 12:06 pm clouds, earlier rain. 1 to D-4 — flew off with small bl. Sunfl.
27 Apr clear 10:07 am 1 to D-4, & calling
9 Sept 12:14 pm clear; 1 from oak to D-4 for small black Sunfl. seed. 12:17 back again again at 12:23, 12:24, 12:24-30 sec., 12:30 with ♀ carpodacus & chickadee no calls
16 Sept 12:51 pm clear, calm; 1 briefly at D-4
23 Sept 10:16 am Misc clouds 1 to D-4, yesterday too
27 Sept 9:59 am overcast, 1 from oak to landing, flew SW with large Sunfl. seed.
19 Nov 3:15 pm clear 1 at D-4.
13 Jan 1999 1:53 pm clear cool, 1 in briefly no calls
18 July 10 am part fog, 2 on line / in oak flying back & forth, then 1 at D-4 no crest.
24 Aug 12:50 pm clear, cool. 2 in to landing cousins, no calls, no erect crests.
2 Sept 10:45 am clear; on ledge then down on landing, no call near end of molt, crest drawn.
22 Oct 9:44 am haze-fog 1 briefly to D-4 crest up!
30 Oct 10:17 am clear, cool, 1 at D-4 briefly.
18 Nov 10:49 am hazy clear, 1 in oak-pine to D-4.
12 Jan 2000 8:30 am clouds 2 separately from pine to line & furtively to D-4.
12 Feb 12:54 pm light rain; 1 working slowly thru the pine. small crest.

Christmas 2000

Parus inornatus

22 May

1 has been to D-4 feeder several +, times a day & takes small black sunfl. away. it has small crest & rather disorderly plumage

23 Sept. 1611 Norfolk St., Berkeley, Alameda Co., Calif.
2:45 pm fog, cool, a flock foraging in yellow, green & brown leaves of elm directly in front of house - 50' up. Then flew a few at a time to Pit. tree N. of house at least one Ch-b. C with them,
27 Sept a flock in Pittosporum 15' (from window) N & about 7 flew to oak, 5 minutes later flew back to original tree. They have a bobbing, undulating flight (do close wings).
7 Oct 9:56 am. fog; 15-20 flew from oak to E (Pittosporum) with at least one Ch-backed chickadee. Bush-tits have also worked the elms that still have leaves; the last several days.
10 Dec. at least 18 + in oaks foraging in leafy canopy in light rain, plus 1 chest.-b. chickadee. Then all flew N.
12 Dec clear, high wind, 18 + from the Pittosporum into the oak. trees blown about followed by one Ch-b. chickadee.
15 Dec 3:40 pm group flew into oaks from N in a medium rain, cold & wind
1 Jan 88 10:30 am cloudy. a flock came from the Pittosporum to oak, foraged in oak for about 15 min. then returned - I counted 14 as a minimum (must have been 5 ± I didn't count) plus a Townsend Warbler ♂, (it flew back to Pittosporum with them)
Bush-tits are active foragers & make many short flights to another branch. Can see them when at edge of canopy then they disappear into the canopy - only see leaves or smallest branches move. They probably come to oak every day

Christmas 1988

Psaltriparus m. 2

1 Jan., del Norte St., Berkeley, Alameda Co., Calif.
My impression is that they are within the canopy 85–90% of the time & the remainder on edge of the canopy.

2 Jan. light rain, 15+ from Pittosporum into oak with a Townsend Warbler. at 10:48 am — spent 5 minutes in oak 1:10 pm back in oak going N.

13 Jan 10:30 am cloudy 14+ into oak of E with one ch.-b. chickadee.

22 Jan. see R-C. Kinglets (also townsendi)

28 Jan 2:19 pm cloudy 15+ into oak from N. One in Pittosporum has a large larvae – as long as its tail & is banging it against a horizontal 1" branch.
One Kinglet with them

29 Jan. 23 (counted) from Pittosporum into the oak. (probably more) at least on R-C Kinglet – they are difficult to follow in the tick foliage. They fly nowhere as much as kinglets. 4:21 no rain back in oak = 2, (-1); see dove account = scrub jay called & all doves flew & activity ceased 4:26 back to activity, one flew to oak from Pittosporum. (one R-c K) then 22 flew to N. " • A good sized flock. 4:38 one flew NE from oak

1 Feb 11:30 am + two in oak, then joined by a kinglet. Much flitting about with jerky movements of wings & tail; most of times on small branches in canopy no wild flights, as the kinglet does to another perch.

15 Feb 3:35 pm saw a ch-b. chickadee in yard & a few minutes later a flock of B-ts in oak. 3:41 7 + went SE

20 Feb., del Norte St., Berkeley, Alameda Co., Calif.
4:45p for 2 minutes at least a herd of B-t, in oak - same on leader tips on edge of canopy. See: "R-c Kinglet" - they were in tree before I saw B-t. 4 flew to Pitt. is that all? or 2B-t & 2 RcK.?

21 Feb. 12:03pm 2 flew into oak (not together) from E over house. & foraged. 12:06 one flew to Pittos. - haven't seen others - where is the flock? 1:08pm 2 flew from oak to Pittos. 1:21pm 2 in oak arrived together

22 Feb two bushtits in oak 9:22 - foggy, cool.

23 Feb 3:30 pm 3 flew into top of oak for 30 sec then one by one flew NW & down.

24 Feb clear/hazy 3:51 pm. - 3 in oak

26 Feb at 9 am - appeared to be 3 or 4 in oak 10:24 for foraging in oak for 2 min. then flew S between houses & returned to oak. 10:36 one foraging. It is both well within canopy and on edge - on the "leaders" (see notes on oak). 11:03 am at least 2/oak a group (10 ± ?) goldfinches came into the oak - they had been feeding in elms, also an unknown number of bush-tits were in oak foraging. Question: as with other small birds - do the foraging bush-tits, especially large winter flocks attract other foragers ? - vireos, warblers, etc. 11:21 am one chasing another about S. side of the oak call, a lisping "Ts-e" Today at least 2 have rather consistently been in the oak, saw another chase, within the tree;

2 Mar. 8:30 am 2 in oak - esp. on new growth on outer edge of canopy - see Oak for stage.

2 Mar., del Norte st. Berkeley, Alameda Co., Calif. one in oak E side on edge of canopy, but under a 45° angle branch. It was upside down jerking and pulling something with bill (at 10:45am) it looked like a small string-white. It it also acted as if it was hung up & trying to pull loose with a jerking - no wing action. another bird near top of tree also. will they nest here? 10:53 a.m another flew in from Pittos. & in N side of the oak.
3 ~~4~~ Mar 9:40 am 2 in top of oak, from S. 3:50p 2 in oak with 1 R-C Kinglet
4 Mar 10:26 am 2 in oak foraging. 3:07 one flew from E to forage near top of oak.
9 Mar 9:55 pm. 1 in oak, then another joined it from the Pittosp. 1 min. a chase in oak then back into the Pittosp ok, paired up? 11:11 am 1 in oak short 3-6-8(?) hops from twig to twig, short flights 1'-3' between gaps in canopy - have to wait to see if 5"-1' within the canopy. Rather slow methodical movements, not as slow as townsend warbler.
13 Mar. 10:03 am 2 in oak. Saw one with 1/2" green larvae. tree is uniformly green now, hanging flowers
21 Mar. 1:30 pm one has been on power line near the oak several times to day - flew to N.
24 Mar 8:52 a.m. first one then another from N into oak - they do make quick flits of wings & tail tho not as exaggerated as R-c Kinglet.
25 Mar. 9:09 am 1 flew from Pittos into oak & disappeared several minutes later saw it appeared

25 Mar., del Norte St. Berkeley, Alameda Co., Calif.
Earlier this year I would & could have followed it easier. Why? The canopy now is very dense & such a small bird completely disappears. 11:11 am 1 from oak to Pittos. — heard no call note. Flocks are noisy — single birds in spring don't all, or have a need to.
26 Mar. 3:11 pm — a jay out of NW lower — flew over house then came a bush-tit which had been chasing it (?) flew into Pittos.
30 Mar 11:10 am one on line from oak briefly to N. another briefly on branch of oak. There have been a number of small birds flying from Pittos. & from behind house to oak which I can't Id. some are undoubtedly chickadees. They are almost impossible to see in thick oak foliage now with the new growth
1 Apr. 10:17 am one flew from Pittos into oak —
2 Apr one on exposed bare branches at 11:32 am dodged for cover when jay flew by. They have not made their typical flocking call for months
12:30 pm on ground deck in front — 2 in low vegetation 3-7' they were calling, very softly — flew to apple in flowers generally 10' at most apart to 3' apart.
4 Apr see jay acct 10:03 am one into oak — from over house. 10:07 one to oak from NE 10:16 one from oak to NW dw — lower (same one?) 10:26 one into oak from N — Pittos. 10:28 from oak to Pittos. 10:43 from oak into Pittos. 10:45 high from NE into top of oak 10:48 one low S. oak flew low to apple tree ?, briefly
5 Apr 11:55 am 1 on exposed branch of Pittos, 25' high

8 apr., del Norte St., Berkeley, Alameda Co., Calif.
10:45 am one flew from oak to NW elm 30' up on S side first landed on 3/8" branch - exposed, then flew up into leaves & small branches.
11 apr. bush-tits foraging near top of NE elm - then flew down into the oak.
11:04 bush-tit from Pittos. into oak, 11:05 one flew NW; 11:05-30 one from oak into Pittos. (am watching)
6 May one on edge of canopy of oak - first since above. moving slow & just perched in open looking about 9:27 flew into cedar - on one perch looking about for 1 min. +. 9:28 same or another high-er in the oak. 11:18 am one from oak to Pittos. Then another one.
8 May 9:51 am two in canopy NE side of oak. 10 am back in oak
12 May 8:59 am 7 + into oak from E over house is this one family or beginning of flocking?
2:30 pm 2 in oak from Pittos.
15 May eight from SE to oak, a yellowish warbler with them in 30 sec. warbler to N lawn. after one minute B-t. one at a time into NW elm.
17 May a flock, number? in NW elm at 1 pm with several chickadees.
18 May see chickadee - first flock of year
23 May 10:33 am 11 + flew from NW elm into oak and elm W, across st, chickadees in Pittos.
10:50 am the entire group flew out of the oak to NE over that corner of house. Seems to be a very quiet group, not alot of calling
24 May 10:15 am 5 in oak with one or two

24 May, del Norte St., Berkeley, Alameda Co., CA
chickadees.
26 May 6 or 7 in backyard 2'-6' from ground & no calls.
29 May 6 or 7 into oaks from Pittos at 2:10 pm clear & windy. 2:15 pm 11 flew back to N.
9 June 1:30 pm cloudy at least 9 from W elms & oaks into Pittos - first I've seen in awhile - will have to watch: they go thru a tree like the oak in just several minutes - real fast hunting.
11 June 11:25 am 14 from NW elm into oaks - the largest flock seen this spring.
17 June at least 5 from oaks to Pittos at 4:10 pm. Haven't been any of late.
20 June see Parus rufescens acct. "mixed flocks"
9 July 9:50 am saw flock in W elm near top in 2 min. they were in top of oak, two were on exposed part of cedar on pendulous branches - much wing flicking - like kinglets. These 2 after another 2 minutes flew to Pittos to N followed in 30 sec by the rest of the flock - total 12. They were 40-70' above ground in trees - less than 5 min. in 3 trees
18 July 11:55 am a flock in oaks; little calling same, not much. 21 flew irregularly to E - almond tree or into cedar briefly. 3 landed on line over bamboo briefly & were in bamboo. First I've seen them in awhile.
26 July 9:20 am flock of 25± from W elm to NW elm 70' up.
19 Aug 11:33 am 15 from oaks to Pittos & NE, hazy sunshine 90% fog cover.

21 aug., del Norte st., Berkeley, Alameda co., Calif
about 11:30 about 20 from N in Pittos
into oak — strung out. Then at 12:15
many again in oak for 5 minutes
from W & N. Also one plain titmr. &
R-b. chickadee in tree, but not in
the flock.
23 Sept 3:06 pm sunny ten flew from oak to
Pittos in 1½ minutes.
25 Sept 11:20 am flock in back with a warbler
-or vireo: light olive dorsal, pale yellow
below - no eye ring & a pale superciliary
line — made ~~erratic~~ short flights
4 Oct one from Pittos to oak at 10:32 am
22 Oct 9:40 am a flock in oak can see a tail
here & a twig move there. They are 95% hidden
in the canopy — they did NOT fly from Pittos
or I would have seen them; so from S. or W.
-unseen. They are just not obvious.
23 Oct 10:40 about 10 from N into oak.
10:52 am they are still in the oak. 2 kinglets
flew out of oak! Then about 15 this sp. followed
kinglets from oak into Pittos. Then one
chickadee followed at 10:56 am
25 Oct 10:34 am a flock of at least 8 from
W elms where they flew & foraged among
top small branches & then flew high 60' ±
into top 3/4 of NW elm - followed by 5 more
26 Oct 9:57 am a large flock (15±) from oak
into Pittos.
27 Oct 1:10 pm, fog 15 - 20 flew from oak S.
10 Nov 8:25 5 from Pittos into oak 8:29 6 flew
from oak N - low first lbe seen in awhile; rain last night
13 Nov SEE Parus rufescens account

21 Nov., Del Norte St., Berkeley, Alameda Co CA
1:50 - 155 pm see journal flock in oak then over 3 minutes to Pittos - the townsend warbler ~~flew~~ followed them NE & chickadees active but to feeder. They appeared (from ? W or S) suddenly — in oak about 3 minutes + or —. They seem to move rapidly.
25 Nov 12:12 pm broken clouds about 12 from oak into Pittos. one ♂ townsend Warbler with them & one ? Kinglet.
5 Dec. 2:17 pm noticed townsend Warbler in W part of Pittos. then a Kinglet flew from that area to oak (already a chickadee in oak) Then over a minute or so 10 bush-tits flew from Pittos. into oak, followed by 2 minutes then 7 more into oak. 2:24 lots of birds in oak. 2:28 see no birds in oak!
22 Dec. 12:59 pm 15 from oak to Pittos, cloudy not in oak over 4 minutes. 1:15 pm they came back thru from N & in oak a minute before moving to S. 1:23 11+ from oak to Pittos once again - this time a ♂ townsend warbler moved with them. 4:04 pm scattered clouds; flock again in oak with townsend Warbler
5 Jan 89 a flock in oak at 8 pm. 2:51 pm 11 flew from oak to Pittos.
6 Jan 2:56 10+ from E & N into oak, chickadees flew to Pittos. a junco perched on exposed branch of oak 8' from top. 2:58 they flew off N, low.
15 Jan 11:04 am clear over a minute 13± flew into oak, they were on edge of canopy & obvious 2 chickadees from S (B.T. from N) 11:06 in 15 sec. all flew south into Pittos.

28 Jan., <u>Del Norte St., Berkeley, Alameda Co., Cal.</u>
9:19 am at least 15+ in oaks, much activity - flights of 2-3' to another part of canopy, were exposed on edge of canopy & just inside. One chickadee among them; one flew to <u>Pittos</u> & feeder. 9:25 moved low to neighbors <u>Pittos</u>, to S, 20' high - in oaks they were 35-45' up. Suddenly all gone. 9:58 9 flew from oaks to Pittos. The same or different flocks?

<u>3 Feb</u> 10:47 am ~~about~~ 15 from oaks to Pittos - very light rain. two chickadees, & one kinglet along with the flock. the chickadees to feeder

<u>9 Feb</u> 1:07 pm cloudy 10 flew from oaks to N in oaks at most 5 min.; has been raining

<u>18 Feb</u> 10:13 am 13 from oaks to Pittos, no other sp.

<u>19 Feb</u> 12:30 am group going thru oaks with at least 2 ♂ townsend warbler; much activity

<u>25 Feb</u> bush-tits in oaks very active on edge of canopy as well as in it. frequent change of position, flight; not quite as much as kinglet 2:22 pm one chickadee & small flock of b-t - very inconspicuous = 2 flew N. 5:03 pm 2 flew into oaks over house from E. - can see twigs move but can't see much of them.

<u>26 Feb</u> 8:16 am small flock 3+ in oaks - flew SE fairly active - (less than 4 min.), flip wings & tail. change perch very often & only in top S. part of tree. 1:03 - at least 3 in oaks, more arrive 1:04 3 fly N into Pittos, 1:09 one into oaks from Pittos.

<u>2 Mar</u> cloudy, cool, windy <u>see</u> Townsend Warbler acct. 3:55 a flock in oaks.

[illegible]

1989 Psaltriparus minimus

4 Mar., 22 Wade St., Berkeley, Alameda Co., Calif. light rain, 10 flew N from oak to Pittos at 11:22 am. I saw them in oak for 2 minutes about half the time they were exposed on outer part of canopy – the rest hidden.
7 Mar 12:52 pm light rain 10+ in oak (from N) with one ♂ townsend warbler & 2 C-b chickadees. in oak for 2-3 minutes then to SE.
14 Mar 8:48 am – 8:54, 2 in oak mostly out of sight – oak suddenly putting on new growth
19 Mar 10:55 am 7 in oak with townsend warbler – all flew SE, but not the warbler earlier 3 in oak.
3/8"
1 apr 4:56 pm overcast – one in oak eating larvae
4 apr 4:10 pm one in oak to Pittos – alone.
10 apr. Haven't see any lately
21 apr 4:51 pm one into top of oak from Pittos
15 May 11:19 am one on line 20" from Pittos. – first since above.
16 June 3 from oak to Pittos. at 10:20 am
26 June 9:55 am fog. one from N into top part of oak, 30 sec. from oak to top of w Pittos. Then 9:57 another from S into Pittos.
27 June 5 pm 4 N to S into oak
1 July 2:46 pm at least one in oak high, S. side.
9 July 10:40 am a chickadee on line 10' from house with a bush-tit on either side 8-10" from it. C-b C flew into Pittos on a dead branch 12' away the bushtits followed & perched within 3' of it. Then off to N – all this time faint calls & nervous wing flipps. 3 minutes later 2 bushtits

Kristman
1989

Psaltriparus minimus

9 july, <u>Milvia St., Berkeley, Alameda Co., Cal.</u>
flying high & very slowly into top of oaks & started foraging in the canopy – wing flips, tail flips and short hops from twig to twig.

<u>17 July</u> 8:20 am 4 or 5 in top of oak, flew E

<u>27 July</u> 5:30 pm about 12 N into top of oak

<u>29 July</u> 10:45 am at least 3 in oaks & Pittos (?) much flying back & forth.

<u>31 July</u> 11:27 am 6 flew from S & from top of oaks to NE high – over top of oak. clear

4 aug 8:30 – 8:50 am low fog some in oak – didn't see them arrive or depart – in oak 10 minutes ±. 9:13 over a minute & 10 flew from oaks across the st. to N. so flocking behavior is back

<u>24 Aug</u> down stairs front porch = 12+ into the linden tree, etc. very active, no precise number but at least a flock of 12+.

<u>25 aug</u> 11:05 am clear 3 in oak then Pittos – one on line, joined briefly by another, preening back to oak another so at least 4.

<u>26 Aug</u> 10:47 am fog, a flock in oak, small branches move & only a quick glimpse of a bird, in canopy. [smaller the – the more agile in oaks closeness of leaves & branches in canopy]
10:49 8 have flown into Pittos to N. 4:15 pm about 12 from N, Pittos into oak.

<u>27 aug</u> 10 am fog a group in NW elm + one chickadee, 5 flew to oak, but more further up the street.

<u>16 Sept</u> 10:37 am after a rain 10 oaks to Pittos and a chickadee about

29 Sept del Norte St., Berkeley, Alameda Co., Calif.
2:56 pm 9 flew from Pittos where they are extremely difficult to see to top of oak - impossible to see.
15 Oct 11:15 am same in oaks hard to see, impossible to follow. 9 flew from oaks to Pittos (one I think ? was a Kinglet).
16 Oct 12:48 pm 10 + + oaks to Pittos.
23 Oct 10:40 am light rain a large flock of 15 + from W across St. & from oaks to N beyond Pittos. Went by for 30 sec +.
11:55 am again a large flock in oaks, apple, pine & Pittos also at least 2 chickadees, 2 Townsends (incl ♀) and at least 1 R-CK with them. 5 minutes later all had moved on. MIXED FLOCK
12:35 Nobody in oaks. 2:45 pm 7 from Pittos then 2:46 they flew over house to NE.
24 Oct 10:31 am clouds: bush-tits from NW & suddenly 2 chickadees & one R-C Kinglet appeared in oaks. Mixed flock. One case of Bush-tit hovering to glean off leaf. 10:33 a flock now most not visible; one or 2 on outside edge of canopy. By 10:36 bush-tits gone 10:38 chickadee flew N. 10:40 oak empty of birds with exception of R-C Kinglet. 10:43 2 bush-tits from oak or from SW high into Pittos on N.
10:45 one high to N.
15 Nov 10:23 am cloudy. about 12 from oaks into Pittos, along with 2 chickadees. Then a townsend warbler ♂ in Pittos. - finish in am for later spp
21 Nov a flock back in forth oaks - Pittos ? no; one chickadee present to feeder. 12:19 lots in oaks with townsend warblers & R-C. Chickadees

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21 Nov., del Norte St., Berkeley, Alameda Co., Cal.
see accts of these sp.
22 Nov 9:23 am high fog. 2 flew into oaks from Pittos. — first activity in oaks this am.
Then ♀ Townsend W.. 9:40 2 have flown to Pittos; are several more in oaks plus Towns. W. & ? chickadee. This sp. in oaks more time today than in past — close to 10 min., but fewer birds also. 9:45 another to Pittos
23 Nov. 9:44 am fog 7 from Pittos to oaks, one chickadee around & to feeder. 9:49 am 9 from oaks to N of Pittos. 11:30 am small flock in oak chickadees at feeder & in Pittos — SEE Acct.
12:06 pm 2 chickadees, one ♂ house finch & 6-8 bushtits in oaks, etc in backyard all from 1' to 10" above ground!
25 Nov 11:06 suddenly flock in oaks plus at least 1 @ = Townsend W, chickadee & kinglet. light rain. first real activity today.
29 Nov. 2:40 pm 6-8 in oaks plus one chickadee
7 Dec 10:30 am flock in Japanese maple next door in the backyard 4' up to 20' up also ♂ Townsend Warbler 10' away in live oak. May have been a chickadee also.
15 Dec 12:20 small flock in oaks with one Townsend W., at least 2 chickadees & one Kinglet. This sp. to Pittos. much flying between Pittos & oaks back & forth chickadee also to feeder. 12:44 the oaks is now empty of birds.
20 Dec 12:16 pm heavy sun. for 2 m + (12:18) about 16 from E into oaks, very active & mainly on edge of canopy 12:27 all into Pittos. chickadees in oaks & to feeder

Psaltiparus min.

27 Dec., del Norte St., Berkeley, Alameda Co., calif
10:25 am same in oak. chickadees have been in oak & to feeder. a ♂ Townsend W.
30 Dec 10:07 am a flock in oak, & this time much activity on exposed edge of canopy at 10:10 9 flew to SE. No other sp. about except chickadees to feeder.
1 Jan flock at 2:14 to N over or from oak. chickadees about (also T. W. & juncos in recent past).
3 Jan. 10:37 am 9 from oak to N over 1 + minutes
5 Jan 3:58 pm about 12 from oak to NE. No other species in oak, except chickadees about
9 Jan 9:20 am clear, suddenly a flock in oak then 10 flew to Pittos. They were in oak for perhaps 2 minutes & 30 sec. for them to fly off. No other species with them. 1:59 pm x number of bush-tits into oak from N — has been a ♀ Townsend W. foraging. 2 chickadees feeding in oak also. 4 bush-tits to N at 2:05.
10 Jan 10:29 am several in N part of oak & a very active ♀ Townsend Warbler. they flew N
13 Jan 12:52 am light rain 15± from oak to Pittos. a ♀ Townsend Warbler in oak & was last to fly with bush-tits to N. also chickadees in oak. 1:35 pm light rain — bush-tits in N half of oak (from N) joined by ♀ Townsend Warbler to SE corner of tree, but flew in from oak house from NE. Then 1 or more chickadees into oak from N. 1:42 they moved S. slowly all gone. 1:51 raining harder suddenly 15+ flew from S & oak into Pittos. almost as group.

Psaltiparus min

20 Jan., del Norte St., Berkeley, Alameda Co., Cal.
11:32 am 7 flew from oak to Pittos. no other sp. in oak (See Townsend W. acct)
12:11 pm. 2 foraging N part of oak - as close as 3" from one another.

22 Jan 10:52 am a flock of 10+ in oak from S. for less than 3 min. then to N, Pittos. In oak before they appeared both chickadee & titmice. No warblers seen. 12:19 pm 9 from SW & oak into Pittos & N.

* Found on steps this am = two wings attached to each other of bush tit & one leg cut off neatly at "heel". cat?

23 Jan 11:23 2 from oak to Pittos then 13+ from Pittos into oak. 11:26 3 to N. 11:27 10 to N no other sp. in oak.

25 Jan 11:17 am 2 in oak from NE. Both flip tail & wings, move a lot. no other sp. in tree. 1:42 pm again 2 in oak, flew N. 3:51 pm 2 - 10 sec. apart from NE over house into top of oak. 4:02 - flock of 15± over oak into Pittos.

27 Jan 10:58 am 2 in oak, only hummer ♀ also in tree now.

30 Jan. 1:52 am 2 in oak, both to N, no other spp.

31 Jan 8:47 am flock in oak 15± in canopy & on edge, no other spp seen. 8:53 suddenly disappeared - only 1 flew N. (to W - ?). 1:20 pm one on line 12' from house, then to oak - 1:23 7 flew N from oak. didn't see them for they were within canopy. 3 pm found another dead bush-tit - very mauled - leg cat?

7 Feb 9:02 in about 4 minutes 5 in oak from S then to N 3 minutes from first to N & the last. No other spp. in oak.

14 Feb., del Norte St., Berkeley, alameda co., calif
9:53 am: flock in oak. - a windy clear day.
16 Feb. 9:20 am rain, small flock in oak mainly in canopy but some on edge. 9:44 am 2 flew into top part of oak, from N. Then flew back N rather high.
17 Feb 1:09 pm broken clouds - 10 in oak to Pittos
20 Feb 8:30 am 2 flew N from oak, no others.
1:11 pm overcast 10 flew N out of oak, plus one chickadee.
22 Feb. 3:23 pm warm & sunny 3 from oak N
9 Mar 3:34 pm over several minutes 3 into oak from N then S.
10 Mar 9:35+ am at least 10 in oak during a light rain, with 2 chickadees, 1 Townsend Warbler & 1 Kinglet. moved to Pittos (N) over about 3 minutes.
11 Mar. 11:32 am. 3 from oak to Pittos. also chickadee(s) in oak. 2+ in oak also.
14 Mar 12:56 pm overcast 4 from oak to E
25 Mar 4:43 bright sun, 2 oak to Pittos-
25 Apr. 2:23 pm 1 from oak to high in Pittos.
28 Apr 10:17 am ? into top of oak from N fast, 3 of them!
7 ~~Ap~~ May 1:44 pm clear 1 top of oak to NE
23 May 10:08 am 2 briefly from S, top of oak, to N.
27 May 9:36 am light rain. 1 from W rather high & into Pittos. 25' to nw. First in awhile.
28 May almost clear & windy 3:55 pm 10 from NE over house into top of oak. Then 2 flew to Pittos, then back to oak
29 May 1:27 at least 4 from NE into top of oak then flying off & returning 3:55 1 on line near Pittos
4:05 pm 4 about Pittos - at least at 1 time.

Christmas
1990 Psaltriparus min.

18

3 June, Del Norte St., Berkeley, Alameda co., calif.
9:43 am several in oak from N.
5 June 10:15 am from SE at least 8 into top portion of oak.
7 June 4:37 pm clear hot 11 ± from oak to NE/Pittos
10 June 10:19 am over 1 minute 12 flew NE over house & Pittos. from oak.
6 July 8:54 am flock (5+) to NE thru the up st. elms rather fast. flights 5-12'.
14 July 10:57 am fog 15+ high, top of oak to NE.
4:10 pm breezy 19 from oak to NE.
14 Aug 12:15 pm several in oak with chickadees & P. titmouse. + fog. 12:50 pm several in oak
25 Aug. 12:12 pm 2 have been foraging in oak, then to Pittos.
11 Sept noon 10+ as a flock from NW elm to E over house.
13 Oct flock 10+ from Pittos into oak at 1 pm first since Sept - above. well within canopy
16 Oct 9:48 am 6+ into oak from NW - fast, erratic flight. disappeared into canopy.
9:52 same flying S from S part of oak - high.
11:15 am. 17 oak to Pittos.
17 Oct 8:57 am flock from SW; from high in NW elm, from across st. & from oak into Pittos (in top) 15' from NW corner of house 8+ - irregular timing, etc. loose open flock.
10 Nov 10:40 am flock (number?) in oak in canopy - hidden for most part, plus 1 townsend warbler.
14 Nov. 10:53 am overcast bush-tits in oak, more on outer, exposed side plus first chickadee of am & 1 townsend warbler & 1 plain titmouse. several chickadees who attracted whom?

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Christmas
1990-91 Psaltiparus min.

16 Nov., del Norte St., Berkeley, Alameda Co., Cal.
9:33 am overcast small flock in oak from N with 1 chickadee.
19 Nov 10am suddenly oak swarming! lots of activity 2 townsend warblers & several chickadees (bush-tits from S) 10:05 B-t moving to N side of oak. cloudy unknown number flying S. at 10:07. 10:09 tree empty.
23 Nov 1:44 pm clear, at least 13 from oak to Pittos. no other sp. seen. 1:46 plus 1,
26 Nov 12:27 pm clear 13 from Pittos & near house to oak with 1+ chickadee already in oak. plus 1. Very much within canopy. 12:32 3 back to Pittos-low, others +
15 Dec 12:25 pm flock in oak with 1 chickadee tree wet from rain last night. Then 12:27 over 20+ sec 19 flew to Pittos. 1 townsend warbler from oak to Pittos. before saw first bush-tit. Today they were on center exposed canopy more than most times.
19 Dec cloudy gusty winds 12+ into oak from N – practically all together + 1 or 2. some foraging on edge of canopy. 3:03 pm another large flock Pittos to oak. 3:22 pm other flock moved in from N with kinglets & chickadees also in tree.
24 Dec. 1:47 pm clear, cold 2, then 12 out of oak to N. no other sp. seen in oak. were high in oak.
2 Jan 4:01 pm overcast flock 11+ into oak from NE – fast – top half of tree; 3 or 4 at a time.
5 Jan hazy sun 12:38 pm small flock in Pittos into oak, chickadees about.

Psaltiparus min

6 Jan, <u>del Norte St. Berkeley, Alameda Co CA</u>
10:29 am. 14 from oak to Pittos over 45 sec
<u>16 Jan.</u> 10:31 am was watching band-tail up the st. when suddenly bush-tits in oak 10:34 first 1 flew over pittos. to NE 45 sec + 13 had flown NE. during middle of this a B. towhee flew into upper section of oak 10:38 still in there.
~~11:12 still heads & forth to D-4? - it called 'tin whistle' note once~~ - a ~~rare event~~.
<u>18 Jan</u> 1:41 - 12 into Pittos from oak and 1 kinglet in oak also.
<u>23 Jan</u> 2:36 pm suddenly a flock in Pittos to NW. Then over 30 sec. 13 flew to oak & beyond. going S. no one in oak, a chickadee has been in Pittos & at D-4 feeder.
<u>29 Jan</u> 1:33 pm flock from oak to Pittos
<u>30 Jan</u> 3:50 pm overcast about 10 over 15 sec. diving in fast, from over house.
3:51 nine more from NE
<u>2 Feb</u> 10:27 am flock from <u>lawn</u> N next door into oak - chickadees & kinglets about today.
1:52-55 bushtits in oak 17 flew N, short flurry of activity. may have been 1 <u>Regulus</u> in tree also.
<u>4 Feb</u> plain titmouse & chickadees in oak with flock of B-t. Same chasing 1 area of oak to another - at 1:38 pm overcast. 1:43 13 B-t. from oak to Pittos.
<u>5 Feb</u> 12:58 pm over 30 sec. 17 from Pittos to oak & perhaps a Regulus & a chickadee showed up, as suddenly.
<u>9 Feb</u> 9:51 am fog what looked to be a Lone bush-tit in oak; flew N over Pittos.
<u>10 Feb</u> fog, 10:26 am 21 from oak N to Pittos

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Christmas
1991

Psaltiparus min.

26 Feb., del Norte St., Berkeley, Alameda Co., Calif
2:31 pm sunny 15 from Pittos to oak. Chickadees & titmice about. 2:37 most to S once several minutes also 1 Regulus active in tree.
7 Mar 2pm 2 from Pittos to oak.
9 Mar 9:43 cloudy, flock in oak; 1 on vertical new growth with much tail flipping - didn't see wing flips as with Regulus.
10 Mar 1:33 to 1:37 10+ from Pittos to oak & then to N.
11 Mar 10:28am 2 from Acer oak to N, a minute, then another.
16 Mar 2:35 pm overcast. 2 from top of oak to Pittos. 3 pm flock of - in oak. Chickadees & titmice in oak & Pittos., 3:04 2 have flown N. 4pm several times at D-4 & on wire while a titmouse was at D-4.
17 Mar 9:09 - :12 - flock in oak, 13 to Pittos during a light rain, also chickadees in oak
19 Mar 12:12 pm 2 from oak to Pittos.
28 Mar 4:36 2+ into oak; 30 sec. 3 flew to Pittos
26 Apr 9:42 am 1 from top of oak to Pittos.
5 May 10:06 1 perhaps 2 in oak - very hard to see.
6 May 9:16 am 2 feeding in oak - good look
8 May 8:25 am 2 from oak to N - twice - feeding young?
9 May 8:24 am clear, 1 in oak, flew N. 8:27 another.
10 May 8:08 am 2 from oak to N.; returned to oak
13 May 11:41 am after rain, 1 high in oak acting like a kinglet, flipping wings & tail, a few hopping up, surface gleanings. On top of exposed branches frequently. More active feeding noted than most times - rain?
2:45 2 back & forth most of time -

Psaltiparus min

18 May, del Norte St., Berkeley, Alameda Co., Calif.
10:46 am cloudy 1 foraging in oak.
3 July 4:30 pm 5 or 6 in oak NW side lawn.
1 Aug 8:26 am fog several in S part of oak.
9:05 - 13 + 1 foraging in oak; then over
30 sec + to NE; plus 2 more. chickadee also
foraging in oak at this time.
5 Aug 8:44 6 + in oak to Pittos. 8:53 9 from
oak to Pittos.
6 Aug 8:45 am overcast at least 7 from N
into oak. 8:47 about 5 more swooped in
fast from NE & E. 9:10 more back in oak.
10:17 flock 10+ from S into ivy on pole across
st to lower S. part of NW elm & then down to N.
13 Aug 4:49 clear, HOT. 6 diving into oak from
N. several seen, isolated, earlier today.
21 Oct 1:37 pm part fog; small flock Pittos to
oak.
31 Oct 12:08 clear. 6 from Pittos to oak.
Yesterday afternoon a flock in backyard
oak, plus 1 titmouse.
26 Dec unknown number in oak at 1:30 pm
29 Dec 4:23 pm overcast getting dark, a flock
of 15 ± from NE fast, diving into oak &
disappeared!
19 Jan 4:15 pm calm, clear 7 flock in oak + 3
chickadees.
31 Jan 10:31 overcast, 11 flew from oak NE (Pittos
etc). no other sp. in oak.
2 Feb 1:19 pm clear & calm at least 11 from oak
to Pittos.
15 Feb 12:47 pm sunny 11 + oak to Pittos.
27 Feb 10:40 am 2 in oak canopy, flew to Pittos.
6 Mar 3:20 to 3:23 7 from oak ~~to~~ E high.

1992-93-94 Psaltiparus minimus

12 Mar, del Norte St., Berkeley, Alameda Co., Calif
3:52 in oak - a half day ±. flowers & new growth out
11 Apr 1:16 have seen several singles fly N out of oak so far today. Not evident so far this spring. Should be nesting.
29 Apr 9:10 am clear 2 in oak several minutes.
16 May 12:45 pm sunny 1 on line, 4' from Pittos. for 1 min. then to lower portion of oak
26 June 2:51 pm clear 5 in backyard, no calls
1 July 12:33 pm sunny 2 on line next to Pittos.
2 July 12:39 pm sun; 2 on line 3' from Pittos.
10 July 11:30 am clear - 20 ± in front of driveway N to S not in new trees.
23 July clear, 10:24 am 1 in oak, to Pittos. Earlier a small flock flew up into S part of N.W. elm - from S, 60 ± in sky.
22 Aug 11:45 am clear flock 15-20 thru yard low NW to SE.
24 Oct 12:40 overcast 2 in pine alone
7 Dec 12:32 pm scattered clouds; rain yesterday small flock into N part of oak, from N.
16 Dec 3:34 hazy over ½ min about 15 over house into oak - FAST!
4 Jan 93 10:08 clear, a flock from SE into oak, fast, 1 min. then 12 to N over 1 min.
21 Jan overcast, 10:50 am 12 + from NE over house to oak, fast.
29 Nov 12:40 rain. 15-20 from oak to Pittos to N. over 1 minute fast.
21 Jan 94 have been flocks in oak, to N.
22 June 9:30 am fog. 15 ± from NW elm to oak.
16 July 10:57 am fog. flock (small) from NW elm high to oak, 2 min. 7 to N.

Christmas 94 ... Psaltiparus min.

17 Oct
9:39-:25 from oak to N. 3+ pursuant flocks from NE to oak lots of activity

6 Dec 97 1:55 pm after rains, ~~the~~ calm winds — a flock of at least 30+ thru oak & to N in 5 min. largest flock I've seen in some time

Christman
1987-88-89-90 Sitta canadensis 1.

25 Sept. del Norte St. Berkeley, Alameda Co. CA
1 pm clear, cool, breeze one called twice in cedar was on trunk 40' up, on 3" branches & in thick branches under the heavy needled clusters. C-b chickadees feeding near it.
9 May '88 heard a nuthatcher high in cedar; sp.?
21 Sept 10:07 am one on pole (utility) across St. briefly; flew into NW elm.
26 Sept heard one in ~~ce~~ cedar, didn't see it.
15 Feb 89 11:45 am heard one, a quick look, it flew every 5-10 sec. 5 to 15' in bare elm on branches 30-40' up - limbs over 5" in diam.
13 June 10:20 am clear, species? one calling near top of near cedar for several minutes - didn't see it.
27 July 89 9:15 am one called a dozen times & briefly saw one in cedar on 1/4" branches among needles.
24 aug 89 3:+ pm one nuthatch in cedar, calls & flew NW over elms.
2 Oct 89 at least 2 in near cedar calling one on 4" horizontal branch, 8' from trunk
25 Oct. 2:58 pm Several times today have heard call in cedar now see it - on 2" limb 80' up
2 Nov 1:30 pm one on trunk of cedar, good look
21 Nov 11:15 am heard one in near cedar earlier then one on 6" limb 30' up in NW elm - have I seen one in elm before?
20 Jan 1990 10:28 am one seen on limbs 6"+ diam. of NW elm 50' up. up down & around trunks.
30 Jan 2:02 pm 1-40' up, NW elm, down 8" trunk.
2 aug 90 12:58 pm 1 (? sp) calling in cedar.
14 aug 90 11:45 am 1 briefly on line, 2' flycatch flew S

Christmas
1990

Sitta canadensis

14 aug., del Norte St., Berkeley, Alameda Co., Cal.
can't-good i.d.

16 aug 3:53 pm 1 calling in cedar, (earlier a.m.)
28 aug 8:59 am 1 in cedar calling incessantly
3 Sept 12:47 pm chickadees have been at the D-4 feeder & flying off with a small black sunfl. seed. Then 1 of these showed up at feed & flew off to cedar with small black sunfl. in bill. a FIRST
12:56 its back. 1pm back again. 1:05 back several more times - no calls!
4 Sept 8:36 am fog; 1 to D-4 small bl. sunfl. no call, again 8:54 with 5 house finches. 8:58 again, with chickadee. 9:10 again.; 9:18
9:24 to cedar, almost always, no call.
11:06 am back - first dis seen in 1st t.
2:30 in again - alone. 3:06 ditto 3:29 ditto
5 Sept 1:44 pm ditto, not as frighty as finches
6 Sept 11:45 am in several times when H.F. not about no calls at D-4 feeder - have not seen it on surface of landing.
11:57 am now 2 ♀ 1:38 pm persistent forager at D-4 with H.F. & chickadees.
7 Sept 1 in briefly about 9am. 11:15 back & forth all am - almost no "little tin Horn" calls. think are 2, not sure.
8 Sept first heard about 7:30 am. in to D-4 about 9:15 with chickadees.
10:08 am on line near Pittos few calls now.
10:18 (H.F. at D-4) 1 on edge of ledge. 11:40 filled up D-4 feeder - it flew in about 2' from me - made very low quiet call e-e not afraid of me. This call is reminiscent of the tay whistle call - different quality

Sitta canadensis

8 Sept., Delaware St., Berkeley, Alameda Co., CA
6:53 pm sun going down, 1 in feeding
10 Sept 9am in with 2 H.F. not much calling. 12:24 pm 2 feeding at D-4 — call a low, quiet, delicate twittering eh-eh-eh very melodic. Seems only when there are 2 present — not a whistle a higher pitched guttural sound, rather lilting (up & down). 1:09 2 in — 1 with loud 'tin horn' call eh-eh & flew off to V's elm. 3pm sunny together at D-4 muttering at each other — one perch displacement. avid aggressive feeders. Their call is almost like the jay's whisper song, but not as lyrical. They are 50" away.
12 Sept 9:27 am first 1 in, none about D-4 the chickadees were in.
13 Sept early am 1 flew into room — window open, caught & threw out at 11:53 am 2 & 1 chickadee — much bickering between sittas which is rather reminiscent of the zebra finch chatter. noon — 1 on landing, then ledge with a big white sunfl. seed — flew off.
14 Sept 10:44 am have been in this a.m. 2?
1:45 cf Accipiter cooperi. at least 1 back & forth D-4 and cedar. 1:49 1 displaced a chickadee at D-4.
15 Sept in & out all day 4:09 upside down on branch, edge of oak canopy, flew to line now typical horn call. 6:41 almost sundown — 1 in. There are 2 — 1 has distinct superciliary lines; other at nape is depressed with white feathers

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Christmas
1990

Sitta canadensis

17 Sept., Del Norte St., Berkeley, Alameda Co., Cal
3:28 pm sunny 2 at D-4; soft chattering.
19 Sept 11:21 am. saw H.F., chickadees, & 2 sitta which chatter - almost exactly like zebra finches - they do this esp. when 2 are present.
24 Sept. 9:39 am in with chickadee - have been in every day. Always fly off with small black sunfl. seed. - to near cedar or to w. over ab. strong direct flight.
26 Sept 10:30 am sunny 1 in; were in yesterday
11:03 two; have been also landing on ledge besides D-4 feeder. Too, the tin horn call seems to be made with bill closed, but a momentary bulge in throat area.
11:13 am 1 among seeds on landing briefly - didn't see it pick anything up. The bird seed I threw out on landing was small black sunfl. seeds.
29 Sept 11:50 am 2 very aggressively feeding at D-4. They prefer to land on the top wires first, then descend. Several times they displaced chickadees, but fly off if H.F. are too close.
5 Oct. in to feeder, noon.
6 Oct 8:15 am 1 in briefly; no other birds; 4" of food in D-4.
11 Oct 9:07 am 1 in to D-4 - these guys have
12 Oct 10:55 am 1 in to D-4 - a fast, jerky flight
13 Oct 10:05 am 1 " " soft "e" call, sharp
16 Oct 9:31 am 1 flew in from N ed elm to D-4, which is down to 1½" of seeds. I refilled D-4; while inside bird landed on ledge looking for feeder, then to mirror, 24" from

Christmas
1990-91 Sitta canadensis

16 Oct. Del Norte & N. Berkeley, Alamedale, CA
(con't) my face - was curious - where
was the feeder! (?). This sp. much
tamer than H. F.
17 Oct 9:37 am 2 into D-4 - twittering
call - low, quiet, almost warbling.
19 Oct in frequently rainy day 6:30 sundown
1 in for small sunfl. flew off - muttering to self.
14 Nov 12:40 pm 1 coming in with chickadee.
and finches. first in some time
14 Dec 11:03 am 1 in briefly first since
above, with H. Finches, 1 tin horn call. 12:15
back repeatedly - to near cedar to crack
open small bl. sunfl. seeds.
17 Dec last afternoon & 10 this a.m. 1 into feeder.
19 Dec 12:22 pm at 2 at D-4 (new food) feeder
with chickadee.
29 Dec 3:55 pm 1 on ledge while 4 linnets feeding
11 Jan 1991 2:45 pm 1 at D-4 - the first since
above, with H. Finches & chickadees. sunfl. s.
12 Jan 4:28 pm 1 into D-4 took small to cedar
4:47 in again but flew off when chickadee landed
14 Jan 2:42 pm 1 to D-4 - first of day?
16 Jan 11:05 am first of day - (since 8:30) to
D-4 from near cedar. 11:12 still back &
forth to D-4, it called once 'tin whistle'
note - a rare event
6 Feb 16:35 its back at D-4 feeder! flying
to cedar to shell small black sunfl. seeds
9 Feb 9:36 am fog 1 into D-4 feeder, to cedar
12 Feb 2:55 pm 1 to D-4 & then to lawn in N.W. elm.
8 Mar 11:45 am heard 1 in near cedar.
11 Mar 10:23 am 1 in briefly to D-4 flew to near
cedar - on 2 perches, no calls, D-4 8/10's full.

Christmas 1991 — 6

sitta canadensis

2 aug., old Montessori, Berkeley, Alameda Co. CA
3:03 1 on N. landing out of Pittos. flew to D-4 but frightened same H.F. on landing so it landed on line 9' from house.
10 Aug 12:57 clear, 1 to D-4 with 3 H.F. was displaced by 1, flew to cedar; 1 heard earlier
13 Aug. 1:21 pm clear 1 calling in cedar & back & forth to D-4 flies off to cedar with small black sunfl. seed. makes an extremely soft 'eh' call, also chickadee to D-4.
14 Aug 3:17 pm overcast 1 to D-4 3:41 in again — nice bright plumage — no molt.
15 Aug 9:01 am overcast, 1 to D-4 flew to cedar with small bl. sunfl. seed, back
17 Aug 11:58 am fog 1 to D-4 & white "blur" at posterior white superciliary stripe, left. 12:00 in again 12:02 — 2 in making soft 1 note calls
22 Aug 12 noon 1 at D-4 with 2 chickadees
23 Aug 11:23 am clearing 1 to D-4 several times, for small black sunfl. seeds & always to near cedar — no calls.
24 Aug. 12:59 1 at D-4 with chickadees. believe there are 2.
27 Aug 8:52 am 1 in to D-4 } have been in every day.
28 Aug 9:44 am fog clearing, 1 to D-4 & threw out a large wh. sunfl. seed.
16 Sept heard 1 in cedar at 10:38 a.m.
18 Sept 1:44 pm clear, 1 in with 2 or 3 chickadees
21 Sept 12:03 pm sunny 1 in several times 12:17 in again, fed low — flew 150+ yds W in strong two jerky flight.
23 Sept 9:52 am sun 1 at D-4; to cedar. 12:29 2 at D-4, making a quiet musical chatter

Christmas

1991-92-93 Sitta canadensis

23 Sept., delHaute Dr. Berkeley, Alameda Co., Calif
This call is reminiscent of a zebra Finch call.
24 Sept 9:40 am clear 1 to D-4. 10:18 1 high in Nwelm, much flicking of tail.
25 Sept 9:16 am 1 in to D-4.
28 Sept 11am ± 2 to D-4 muttering to each other and becoming more competitive with house finches tho usually fly off.
1 Oct clear 11:16 2 at D-4 muttering to each other among the H. finches - more aggressive than chickadees.
5 Oct 12:20 pm 1/2 fog 1/2 sun 2 to D-4 with 5 H. finches & chickadees.

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22 Aug 1992 1:38 pm clear 1 at D-4 flew to oak with large white sunfl. seed
18 Sept 1:52 pm clear 1 to D-4, no call repeats; to cedar. several "e" calls.
22 Sept 4:06 pm clear 1 at D-4, call e-e-e and hanging up-side down like a parrot
23 Sept clear 2:57 clear in several times

93
9 Sept 12:14 am 1 at D-4 feeder with titmouse & chickadee.
10 Sept 10:16 - fog 1 back to D-4, black sunfl.
13 Sept 1:46 pm clear heard 1, then 1 to D-4.
2 Oct 1:30 am clear 1 in twice.
4 Oct 2:05 pm part clouds - 1 in several times
11 Oct 9:33 am clearing - 1 to D-4.
16 Dec 1:52 clouds 1 on ledge then to D-4
23 Jan 94 11:15 am after rain 1 in sisal
23 June 10:41 am clear heard 1 near cedar?
5 Aug 9:15 am clear 1 to D-4 no calls
18 Aug. 9:30 am 2 in to D-4 aggressively feeding. with many 'seek' calls

Christmas
1991-
94 Sitta canadensis 6

15 Mar, del Norte st, Berkeley, Alameda Co CA
10:38 am 1 in to D-4.
16 Mar 3:59 overcast, 1 at D-4 = musical mutterings, a soft little 'song'
14 June 11:16 am clear, 1 calling close, in front
6 Sept 95 clear, 10 am 1 repeatedly at D-4 feeder - first time this fall.
16 Sept 10:30 am partial fog - 1 in repeatedly (12+) to D-4 feeder for small black sunfl. seeds.
23 Mar 97 8 am clear many calls from near cedar
1 July 9 am clear 1 calling in near cedar
19 Sept 10:02 am clear 1 in pine then D-4 several times - several calls - sound like a zebra finch. 10:09 now 2 at D-4 with their quite little calls! taking small black sunfl. seed. (killed-?)
22 Sept 10:56 am clear, at empty D-4
31 Mar 1998 9:48 am lite rain - 1 to D-4.

Certhia amer.

12 June

10 am clear (at N. Berkeley library) 3
on trunk of Plane Tree (Acer sp.
Sycamore) 8' up on rough bark-
1 did a 1' flycatching maneuver.

[illegible]

[illegible]

[illegible]
[illegible]
[illegible]
[illegible]

Christman 1

1989-90-91 Thryomanes bewickii

8 aug., del norte st., berkeley, alameda co., calif.
10:48 am fog one in good plumage on
line 6' from house then hopped up
to house eaves, etc but not on flat
landing. Then flew to N over Pittos.
16 apr 1990 2 quick looks at one (?) 3:25 pm
it had a long tail & pale venter.
15 Sept 90 1/2 ± pm 1 suddenly on ledge 8'
from me then landing briefly - excellent
look at it.

---

28 May 1992 1 in (fog) with H. finches-doves,
pecked at a piece of dry bread.

4 Sept 1999 11 am hazy clear 1 working on
branches & about cone clusters; good
look; flew N low.

Christman
1987-88

Regulus calendula 1.

Del Norte St, Berkeley, Alameda Co, CA

In the past there have always been one or two wintering here and foraging in the oaks (Q. agrifolia) in front. They flit about energetically rarely out in the open, the wings are flipped up over the back which seems to flash the wing bars. This clearly distinguishes them from warblers.

14 Oct, at least one foraging in oak in canopy.

11 Nov 10:26 am clear one hopping about in elm - always moving.

11 Dec. clear cool 10:51 am at least two in elms - "nervous" never on one perch for very long. 12:50 pm one actively feeding among leaves & small branches of oaks 20' up., some hovering. Very busy. 2 pm in elms

17 Dec. 2:00 p.m. clear cool. At looked like 2 flew into oaks from N. foraged among leaves - while flying - gleaning off leaves and/or twigs. More active in flying than bush-tits & flitting wings made it more evident.

20 Dec 4:15 pm one to oaks from N first on edge of canopy, then traversed on outside, then into canopy itself broken clouds/sky, cool.

21 Dec. see Dendroica townsendi

27 Dec 10:15 am cloudy one in oaks see Townsend warbler

5 Jan noon cloudy, one in oaks, with in canopy one five foot flycatching chase, on branch 2" & among leaves, no bushtits

13 Jan. 11 am at least one foraging up in cedar

15 Jan., del Norte St., Berkeley, Alameda Co., CA
at least one in oaks & cedar before a
flock of bush-tits came into the oaks.
18 Jan. 12:30 pm scattered clouds - two in
oak & in elm. many small flights on edge
of canopy - no bush-tits.
22 Jan. 11 am clear, breezy. Watched one
in Photinia & Quercus agrifolia in
backyard. Within several minutes
(like 2 or 3) the oak was filled with
*→ ten + bush-tits. This was observed
* yesterday with a townsend warbler,
↓ a mixed flock situation. Do the
Kinglets & warblers attach themselves
to the bush-tits — or do the bush-tits
follow the larger foragers? It seems
to me that bush-tits follow these
two species.
28 Jan 2:22 pm one at least with 15 + bush-tits
it flew to power line 10 yds from house &
flashed its crown (the first time I've
seen this, this year) - it was broad
& splayed out,
29 Jan 12:47 pm one in Pittosporum then oak foraging
within canopy 1:04 There are at least 2 in oak now
Their foraging is from pecking at leaves
peering about, changing head & body
positions and short flights both to
pick up from leave surfaces & to a
new branch - all with conspicuous
wing flits
30 Jan 11am one in oak E side - was C-b
chickadee & one bush-tit.
1 Feb 11:45 am 2 bush tits first in oak
then one joined them

27 Jan., del Norte St., Berkeley, Alameda Co., Calif.
clear, 11:41 am one flew into near top of oak from N
Then flew up into cedar & 30 sec later
a tumble-flight back to oak and flew S
4:09 one in oak - also a C-b. chickadee
6 Feb. 2:58 pm clear 1 in oak for at least 5 min
7 Feb. 3:30 pm at least 1 in oak. perched
briefly on edge of canopy & flitted inside
8 Feb. 11:29 am one, perhaps another in oak
and in cedar, actively flying about &
especially - under the horizontal
branches.
9 Feb. 11:10 am two in oak foraging under canopy
4:15 pm one in oak mainly within canopy one flycatch
15 Feb 11:07 a.m. one in oak - just inside
edge of canopy - short flights inside among
the branches under 1" in diam.
19 Feb. 2 pm one in oak, hidden from view -
earlier today & yesterday I thought there
were two in oak & a chase to the Pittosporum
but was not sure they were not bush-tits
which I haven't in past week plus. Then
single bird feeding under the thick, horizontal
branches of cedar next door, much flying to
another position in tree - extremely active
besides the wing flicks.
20 Feb. 4:40 pm 2 foraging in the oak one flew
in from the Pittosporum more on edge of canopy
4 Mar. 3:51 pm one in oak with 2 bushtits
13 Mar. one low in oak E side within canopy.
23 May one at 10:14 am, slow, jerky, undulating
flight to upper 2/3 of cedar, flipped wings,
eyering prominent, short sally to pick
something off of needle cluster. This is
first sighting since 13 Mar. = migrant?

10 Oct Del Norte st., Berkeley, Alameda Co., Calif
9:31 am one in canopy of oak - on edge very briefly. I think this is one of 2 that were in N.W. elm - after an aerial chase over neighborhood! This is first date for this sp. this fall!
15 Oct 10 am one in mid section of NW elm hoping limb to limb (to ½" diam.) quick movements. The greenish-yellow a sharp contrast with gray mason branches
18 Oct what appears to be this sp., one at a time in oak, cedar or Pittos. just about the most active of small birds.
23 Oct 10:40 am fog, one foraging low in NW elm - much flying among small twigs & hovering flights on larger limbs
11:01 am at least 3 high in NW elm - this sp. differs from other small fry by their exaggerated wing flips.
4 Nov 10:05 am one alone in oak, almost entirely within the canopy were I can see only movement took 1½ min. to see it. Its movements were fast always energetic movements & in just several minutes was in all parts of the tree! rapid gleaning.
9 Nov 8:30 am one high in bare W elms
18 Nov 2 pm clear, in oak within canopy very quick-active
19 Nov. 12:25 pm clear 56°F two actively foraging among bare twigs in N W elm short flights 2-6' between branches, also on 7" branches; 30'-60' up over the street, in tree 3 minutes then to SW.
20 Nov light drizzle, 8:57 am 1 gleaning - hovering

5 Dec., Del Norte St., Berkeley, Alameda Co., Calif.
11:19 am one in N. part of oaks, on line 5 sec., within canopy. Several bouts of hovering & gleaning off oak leaves. Is this only sp. to thusly hover-flight to pick off food? Earlier this am SEE Townsend Warbler SEE bush tit acct
10 Dec. SEE Townsend Warbler Acct.
12 Dec 9:50am one into oak from S, within canopy. This sp. usually as lone individual foraging in oak
2 Jan 89 2:40 pm one briefly on line before flying into Pittos.
29 Jan seen almost every day in the oak - of late there have been 2.
30 Jan 8:55am one in top 6' of oak, under canopy most of the time. 1:45 pm one flew out of oak downward, in a tumbling action as a white moth - disappeared below edge of the landing. Have seen them flycatch thus not often.
31 Jan Fog 10:51 am one (?) off & on for 1hr + in canopy of oak. The wing flits are so characteristic 10:53 it was on line briefly before flying into
* Pittos. - it flashed its Ruby crown briefly.
11 Feb 9:26 am clear, cool. 2 in oak for 15± minutes. This sp. in oak every day, several times a day consistly 1:12 pm back in oak the "ruby-c" exposed - flat on top of head.
1:17 flew to 30' up in NW elm then N (another oak?).
Same time - another ? in oak has red showing
1:38 still in the oak. 4:26 15 sec hovering gleaning
12 Feb 11:21 am one chasing another in oak, then another bird flew in. Seen several in elms up st. this a.m. they always fly on,

12 Feb., del Norte St. Berkeley, Alameda Co., CA
never very long in bare elms.
14 Feb 10:29 am big chase among two in lower N part then 3 on the utility line briefly before flying N. 10:33 one out of Pittos onto the line, displaced by another - it flew into oaks followed by 2nd bird.
16 Feb 9:30 am. Two foraging together on ~1/8th" branches in elm across the St. 15' off the ground, usually within 36" of major trunks. They were 4-5' apart and there were fewer wing flips. No apparent antagonism! Has seen chases in oaks.
21 Feb 9:38 am one lower N oaks, another with prominent ruby crest flycatching from Cedar into top of oaks.
26 Feb noon one in S part of oaks dropped vertically 8' to lower canopy.
4 Mar 2:47 pm one flew from N into oak & foraging in canopy in 30 sec. it was 3' from a male Townsend Warbler - both under cover more than usual. Sprinkles earlier today. This bird changes perch x2 as much as warbler.
12 Mar 10:49 am one from up St. elms to W. elm many perch changes - flies 2' to 12' extremely active. First kinglet die seen in weeks +.
13 Mar one in top of oak at 4:51 pm clear warm
15 Mar 4:19 pm one in oak.
18 Mar 9:12 am light rain, one 30' up in NW elm
21 Mar 1pm overcast one N part of oak well under cover most of time. Some short flights hovering about new oak catkins.
22 Mar 12:40 pm one in S. part of oak, change of position every several seconds!

14 Oct. 1611 Hearte St., Berkeley, Alameda Co., Calif.
12:50 pm fog, bird, first of season, on line 8' from branches from Pittos - horizontal flew into oak, no sign of red crest.
23 Oct 11:06 am 2 chickadees & 1 R-C Kinglet in S. side 1/2 up in Dracs NW elm.
See bush-tit account
25 Oct 2:18 pm one in oak, then line a 3' mid air flycat then off to NW elm WING FLITS bushtits no
27 Oct 10:12 am one in oak, hover glean, no others
30 Oct. 10:15 am at least 1 in oak from N. on line briefly, constant flipping of wings.
10:22 one SE oak, lower branches "ruby-cr" is very evident, indeed, huge. This is a ruby-crowned
11 Nov 11:45 am one in oak in canopy.
19 Nov 10:14 am one foraging in lower portion of NW elm both on twigs and 6"+ trunks there is also a chickadee doing same.
25 Nov 10:09 am light rain one on wire next to Pittos., wing flips, flew 20" hung upside down on leaf stem, back to line then into Pittos.
3 Dec 1:14 pm clear, 1 out of oak to line, to N. no one else in oak
6 Jan 1990 10 am quick look at 1 oak to line, to N.
8 Jan 1:26 pm 1 from oak to Pittos.
13 Jan. 11:15 am light rain - one in flowering plum next door. short hovering flights.
21 Jan 3:57 pm one in oak within canopy. no other birds in oak.
24 Jan 9 am one briefly top of NW elm, flew E high
30 Jan 10:10 am after rain one briefly on line 18" from oak - then into oak. (Chickadees at S. side of oak) 10:30 1 in canopy then on vertical

30 Jan., del Norte St., Berkeley, Alameda Co., Calif. branch near top of oak for 30 sec. + then flew to Pittos (N) 25'. Was at least one short flycatch!
2 Feb. 12:34 p.m. 1 from Pittos into oak – no other app. seen. 12:46 flew N low.
7 Feb 9am 2 on outer canopy of oak & then into cedar – only chickadees about.
11 Feb 10:40 am overcast – 1 into oak after foraging for 2 minutes in canopy it was on a bear branch 1/4" under-canopy but I could see it. It remained at one spot but moved to face in different directions & gave continuous exaggerated wing flaps overback & flashed "ruby-crown" off & on. What is this behavior? I think there are 2 kinglets.
21 Feb 1:16 pm one has been in oak – under canopy & short, flycatching sallys – has been about at least briefly practically everyday
26 Feb 12:17 pm 1 from NE into oak, several short flights of 3' to change position in canopy – no other birds seen in oak.
8 Mar one briefly in top N.W. elm, no wing flips – eye ring, wing bars. 9:28 am.
10 Mar 12:32 pm 1 was in oak; another earlier
1:35 pm sunny – still one in oak, lots of short 6" to 1' flights, plus some to other side tree.
1 Apr. 11:05 am fog 1 out of oak, to line to Pittos
3 Apr 12:53 pm 1 oak to line & down to apple high "C-U" call – from it? 4:30 pm while watering in back yard – one in an oak, 1st 5' away, then 3'. tame curious, It was

[illegible]

Christmas
1990

Regulus

4 apr., del Norte St., Berkeley, alameda co cal (cont) picking something off 1/8" branches 7' off ground, & just inside the leaf zone of the small branches.

16 July got a quick look at one of 2, birds 50' up in NW elm at 10:17 am fog. It appeared to be this sp.! This is either late or early. They were flying branch to branch.

---

29 Sept 10:40 am only fair look, 1 in oak - canopy, call Tsee

13 Oct. 11:29 am 1 briefly on line adjacent to Pittos., then into Pittos. large red crown flaired out posterior - thus a triangle

16 Oct 11am 1 from Pittos into oak

18 Oct 12:52 pm scattered clouds - 1 on line 2' from oak, into oak, wing flips & no visible crown!

13 Nov 2:28 pm 1 from oak to line to Pittos. 1 or + about past week, not good looks tho.

15 Nov 2:54 pm bright sun 1 foraging alone in oaks - with several hovering gleaning

16 Nov 1:10 pm 1 in oak, in canopy hovering glean & briefly on branch

17 Nov. 9:41 am clear, calm, 1 (no crown) on exposed branches of oak.

21 Nov. 4:25 pm clear 1 from oak to line to Pittos

24 Nov. 10:11 am 1 from Pittos to oak red crest!

28 Nov 10:19 am 1 oak to Pittos.

3 Dec 12:35 pm overcast 1 on line & in Pittos-

10 Dec 11:15 overcast 1 near top of W elm; 1 in cedar on top of horizontal branches.

17 Dec 10 am 1 on vertical branch of oak, to Pittos

~~19 Dec 8:45 1st into top of spruce ... 32 in top W. elm hunched up. ... flew ~10' from them; they flew just & low to S.~~

Regulus

10 Jan, Del Mar St., Berkeley, Alameda Co., CA
2:31 in top of oak flying tip of upright branches to others; 2 flycatching maneuvers. Only one at a time! 2:40 flycatching = 1' & 3' as active as Townsend Warbler. 2:42 another flyc. 12' to lower part of N oak, went up 5' down 6'
14 Jan 10 ± am 1 on line then into oak.
16 Jan 11:05 am first of day in oak.
23 Jan 1:44 1 in oak first birdie seen in oak to day. Mainly in canopy, only 1 time exposed. Also on subcanopy branches
24 Jan 12:46 pm 1 on end of branch in oak then to Pittos - Hover-glean. No bush-tits
1 Feb 1:02 pm 1 was on line then in oak - several quick hawking flights.
7 Feb 3:07 pm sunny 1 N part of oak - at least 1 about every day
11 Feb 12:10 pm 1 in oak, in canopy then line briefly & N. 2:18 1 in oak, several 5' flights fast & cold. 2:21 several hovering-glean flights. Lots of wing flips. No other bird in tree that I see. 2:46 now 2 in oak 20' apart!
12 Feb fog 8:15 - 8:36 am 1 foraging in oak. 8:43 still in oak. 9:34 1 from E over house to exposed branches of oak, much flutters of wings - hovering & flips while gleaning
1:51 2 in N portion of oak
13 Feb overcast 12:17 pm 2 at either end of oak after hovering-gleans & 5' flycatching maneuvers; but mainly in canopy.
14 Mar Has been 1 (or 2) in oak every day
25 Mar 1:51 at least 1 in oak with Townsend Warbler

Christman
1991-92-93 Regulus

10 Apr., del norte st., Berkeley, alameda co., CA
11:48 am out of oaks, to line briefly, to N
14 apr. on line briefly, 9:36, then into Pittos.
1:35 1 on line then oak.
15 Apr. 9:08 1 out of oak to line & back into oak - horizontal body & small, greenish.
17 Apr 12:30 1 in oak, then line adjacent to cedar flicked wings & made a rather high and harsh - 1 syllable call not that I've heard often this past week +.

---

16 Nov. First of season backyard at 3pm
29 Dec 3:30 pm overcast, may have been 2 ?
7 Jan 10:40 am overcast after rain 1 in oak with at least 1 Townsend W.
27 Jan 11:57 am 1 on dead Tayon branches in backyard, no crown; wing flits -
30 Jan 9:58 am overcast 1 foraging in Pittos well within canopy, only 1's exposed.
4 Feb 11:18 am clear, calm 1 in oak on & in the canopy - wing flits.
5 Feb 9:27 am clear calm 1 thru elms in 20' flights, wing flits, not foraging, to NE
12 Feb 3:47 pm sunny 1 working thru oak N to S
4 Mar 2 pm 1 within canopy no call
30 July fog & 12:20 a quick look at 1 (?) on line - then into Pittos - horizontal & wing bars! This is early
15 Oct 3:10 pm hazy 1 on line next to Pittos.
17 Feb 93 2:27 sunny 1 hawking, gleaning in oak, E. side 20'+ up. very active.
10 Feb 12:20 1 on line next to Pittos - two suspected, but haven't got good look of 1 in oak this week.
21 Feb 12:27 lite rain 1 in oak, no red in canopy mostly

17 May
1:30 pm high thin overcast what appeared to be 1 on line near to oak, eye ring, wing bar, hovered briefly then N., had something in bill
20 Dec. morning clear. apparently 1 in oak - lots of wing flits-
12 Feb 94 9:54 am clear 1 on edges of oak E side & near top. Very active; flitting canopy leaf clumps to others 2-3' flights with wing flits. by far most active feeder in oak
25 Feb 12:39 pm overcast 1 on edge of oak canopy
19 Oct 10:27 am part fog. 1 (or 2) top w. elm.
20 Oct 10:17 am clear 1 on line then to apple
27 Oct 10:57 am overcast 1 on line briefly then oak
29 Oct 10:11 am clear lot of activity with house finches & chickadees - in the middle 1 with "ruby-crown" up & obvious on the line then into Pittos.
1 Dec 12:52 lull in rain. 1 hovering about outer edge of Pittos canopy.
29 Dec seen almost every day - 1 at a time
3 Feb 95 11:11 am high clouds 1 has been in oak for at least 1 hr. then line & to N.
27 Oct 10:45 am clear; 1 top of N w. elm, flew E.
27 Jan 96 3:16 pm clear cool. 1 on edge of branches of oak, very active, shiny, tired.
5 Feb sun/clouds 1:10 pm 1 in oak
9 Feb 11:14 am dull overcast 1 on edge oak canopy
14 Feb 1:12 pm clear 1 hovering briefly / oak
17 Oct 96 clear 10:32 am 1 in pine 4' from top no red crest, flew into oak. First winter visitant
25 Oct 10:56 am few clouds 1 with short flights on edge of oak canopy - no red crest.

[illegible]

1:30 p.m. [illegible]

[illegible]

Christmas 1996-97 Regulus 13

7 Mar. 97
11 am clear, 1 in oak hawking.
23 Oct 9:53 am hazy clear, 57° 1 flitting about small pine, no red crest?
18 Oct. 10:20 am clouds 1 in pine, no crest
15 Feb 98 3:19 pm clear, small cumuli 1 in oak. Have seen regularly the not every day in front oak & in back
17 Oct. 98 12:15 pm clear, 1 on outer most branches of oak. First of season
20 Oct. 1:08 pm clear 1 oak, line to oak no red
21 Nov 10:56 am clouds, 1 Pittosp to oak

17 Jan. 1999 2:08 pm light rain. 1 working edge of oak canopy. Have been seen frequently this winter - one at a time.
20 Mar. 1:33 clouds - light rain, 1 from oak to line to Pittosp - This sp. has been foraging in oak esp. since Jan
28 Mar. 3:43 pm clear, 1 on line between oak - Pittos
13 Oct 12:37 pm clear 1 oak to line to Pittos.
23 Nov. 12:55 pm clouds 1 many small flights oak - linden - pine. no red crest.

Christmas 87-88

Hylocichla guttatus 1

Nov.
4 ~~1987~~. Del Norte St., Berkeley, Alameda Co., CA
This a.m. saw one at Barb. Hart
Munsley — ½ mi W. here, first of winter.
29 Nov. cloudy 12 pm one in backyard.
988 20 Mar. 10:07 am one in oak, S patio.
25 Mar. 9 am one on photinia beside
the steps — saw me & ran down 1"
branch into leaves, etc.
1 Apr 1 on front steps etc with 2 robins at 3:10 pm
15 Apr 10:30 a.m. fog one on fence in back
and in patio — kitchen feeding on larvae
from oak & fallen oak leaves.
13 May 8:30 am one in front yard in
photinia 4' above ground
12 June 10 am one, plump & bouncy on ground
in back always under shrubs, etc.
21 Oct. 4:30 pm fog, one in Photinia in
backyard, flew up to a clusters of red
berries, picked one & returned to perch
5' from ground under an oak. Lots of
wing flips heard no call.
23 Oct 3:30 one in Photinia in backyard
flew at a red berry cluster & picked
one — returned to perch.
26 Oct 1:30 pm one 2' up in Photinia on
½" branch — no wing flicks then flew to
ground 30' away in leaf litter then hopped
to a rock.
31 Oct 7:45 am got a glimpse of it 20'
up in oak in back from bathroom
window — then it flew into top
of the Sambucus which is loosing its
leaves leaving clusters of bluish gray
fruiting bushes.
3 Nov. one 5' up in back photinia

Christmas
1988-89 Hylocichla guttatus

14 Nov, del Norte St. Berkeley Alameda Co., Calif
12:53 one on line from Pittos
10' from house, chunkie compact, wings drooping, tail frequently slowly raised
flew down to front yard after 1 minute
20 Nov SEE varied thrush acct.
21 Nov 1:06 pm lots of activity - see Journal
One in briefly on ledge, looking about - very slim, no wing jerks, sedate
23 Nov 4:28 pm in shadows, tho clear one on line near Pittos 18+' from house; earlier - about 2 saw one flying thro Photinia.
6 Dec 10:30 am backyard, one on 1" branch 1' from ground, slim, flipped wings

---

24 Jan 9am back yard, one from N flew 6' above ground to Photinia, grabbed one of last red berries, then to 1" branch 25" from ground, then to branches within 10" of ground, wing flicks-
10 Feb part of a dead thrush on front porch = CAT.
24 Feb pine glade W of LSB on Campus. two on logs, midday. flicking wings, etc.
6 NOV. 89 first of winter in backyard
7 Nov 9:24 am one on line 10' from house (4' from a lone dove) puffed up, tail above horizontal & flipped wings - tail briefly. 1' from Pittos. tail ruffous - there 1 min + flew down.
11 Nov 4:07 pm one briefly on line adjacent to Pittos - hummer flew at it (from Vle), flew S.
12 Nov 3 pm 2 in backyard, "chip" call.
15 Nov 10:23 am one on line with several house finches, chickadees & towhees - 8-12' away. flicked tail once, head 45° angle flew into Pittos 5' away with a "chip". red tail, etc
16 Nov 10:11 am to line from ash to Pittos

16 Nov, del Norte St, Berkeley, Alameda Co., Cal.
11 am one into oak - under the canopy high on NE side after 2 minutes flew to 3° limb - exposed - then flew into Pittos to S. Haven't seen them in front this much.
20 Nov 9:26 one on line 10' from house briefly to E. at dawn "chip" calls from Pittos to S.

21 Nov Fog - 6:15 am "chip" class early - before anyone else. 10:32 am fog still on line beyond Pittos; to apple tree, flipped wings.
2:55 on line "chip" and "chip-chip" calls.
22 Nov high fog 48°F 2 in front yard/oak calling.
23 Nov 11:33 am overcast calls from Pittos then one on line 8' from house displaced by another (first into oak 20' E. side) the bird on line "chipping" then open mouthed to a nearby dove a "wee" or "tree" call several times. defensive?
11:40 one on line 3' from oak back into oak, another in oak in canopy.
7 Dec 1:01 pm hazy one from oak to line 4' from oak, bobbed tail flew N. couldn't hear
4:29 pm sunset hazy from Pittos to line 1' from it & 10' from house; wing flips, "chip" ca. to S, low
9 Jan 1990 11 am one in top of Sambucus in backyard (18'-20') "chip"ing frequently.
10 Jan 8:39 am cloudy - one calling: Loudly, "chip" & then briefly on line next to Pittos
31 Jan 2 pm overcast. 1 on line 15' from house.
4 Feb afternoon - one in backyard.
19 Feb 5:30 pm one flew into apple tree from S.
16 Feb 4:19 pm one on line 14" from dove, then

Christman 1990

4

Hylocicla guttatus

16 Mar., 1101 Harte St. Berkeley, Alameda Co., Cal. continued: then a 30" flycatch to Pittos & landed a 12" from a towhee.

19 Mar 8 am in fog 1 on line 20" from house

20 Mar 6:47 am 1 on line 7' from house, calling hunched up, flipping tail.

13 May 2:30 pm hazy clear, one singing to NE near yard ?

14 7:30 am one singing close, next door to N; a dense shaded backyard!

16 May 6:45 am 1 singing in bush.

21 May 9:13 am overcast 1 flew over bamboo between houses to S, to limb 30' up in the near cedar, limb 4"+, 5' from trunk, then flew S down, low. I think there has been 1 or 2 in bush, all spring

31 Oct 8:40 am rain last night. 1 on line 10' from house a few wing flips, scratched head over the rt wing.

16 Nov 9:29 am overcast 1 on ledge & on line at house. wing flips, surface ruup.

17 Nov 9:41 am clear, calm 1 on line near Pittos, frequently changing positions, flips tail down into lower Pittos.

21 Nov overcast, 8:38 am 1 on line 8' from house from & return Pittos. everything wet rain earlier

4 Dec found a cat killed 1 on front steps

27 Dec 4:42 pm dusk 1 on line adj. to Pittos, wing flicks; 18" away a B. towhee which advanced it flew into tree

Hylocicla guttatus

3 Jan
4:54 pm 1 on line next to Pittos briefly
6 Jan 3:45 pm sun & clouds 1 on line, flew down to S. landed 3' from a dove.
7 Jan 12:09 pm 1 on line near apple - changing positions flipping wings, flew S lawn
12 Jan 9:30 am fog, 1 high in NW elm (~10' top)
29 Mar 8 am 1 on 4" limb 15' up on S side of oak, sang several times
13 May 10:42 am light rain 1 on line next to oak, & into oak, flipped wings. 11:18 from oak to NW elm, S side, 50' up on exposed limb. upper breast spotted & a rich ochre 1:58 on 3/8" limb in oak canopy. This bird is different. Seems larger & more ochreish - all over (not russet) is this a swainsonis?
27 May 12:30 1 on fence rail saw me in kitchen, flew - seemed larger than Hermit

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25 Oct 10:19 am overcast first rain last night - 1 on line briefly 5' from corner.
4 Nov 4:36 clear 1 on line, 10' from house wing flits
17 Jan 92 9 am brief look at 1 in backyard on ground among dead oak leaves, flitted tail.
15 Mar 10:45 am sprinkles 1 on post in backyard wing flits, etc.
26 Mar 6:16 a few minutes ago 1 sing. in back, then 1 24" from a Goldencrown ♂ 6' from house on line - russet back - rump - no wing flits rest ok.

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17 Oct cirrus 3 pm 1 in Pittos out bathroom window flying - brief hovering & picking at cluster of blue Elderberry fruit.
9 Nov 7:30 am clear backyd. 1 in Elderberry.

Christman
1992-95 Hylocichla guttata
94

6

19 Dec
8 am 1 on fence in Kitchen patio flicking wings over russet tail
27 Nov 93 1 in backyard, have heard for week or so.
4 Apr 1994 6 pm 1 on fence in backyard.
25 Nov. 9 am. 1 in backyard on ground wing flips.
30 Dec. has been 1 in backyard, on ground short 6"–12" runs. often wing flicks.
15 Jan 95 have seen 1 in back yard lately.
23 Feb have heard the "chip" call frequently in last several weeks.
1 Apr several times this past week have heard singing in early am – daylight
19 Dec 10 am 1 on front steps.

26 Oct 96 8:04 am clear, windy 1 in Sambucus outside bathroom window – made 2+ 2–3' flights to pick up the blue berries First of the year.
23 Nov clouds at 8 am this am 1 in back yard on ground – oak leaves, rocks & 1–2" new grass – quick looks over in each.
3 Dec 9 am clouds 1 on fence tops, wing flits, calls & all – resident not seen often
17 Jan 97 8:15 am clouds 1 on backyard fence, then flew to oak leaf ground short flights to rocks or pile of oak limb fire wood. no calls; wing flits
28 Mar clear, 9:35 am 1 flew up from bare earth in front yard to 10' up in apple tree
21 Oct 8 am fog 1 – first of winter in backyard
15 Dec one in shrub in front yard

Christmas 1998

Hylocichla guttatus

1 Oct
10:30 pt. overcast, 1 flying at blue fruit clusters in *Sambucus* over kitchen patio & on fence stakes. brownish, perhaps russet tail, no wing flips = sp.?
18 Oct 9:30 am clear, kitchen patio - 1 in short flights to elderberry fruits. wing flips; brown back slight russet tail.
19 Oct 9:50 am clear 1 30' up in Nd elm 1½" branch.
1:31 pm, 1 W SE to NW over oaks.
20 Oct 9:16 am clear 1 on line between oak & *Pittosp.* many wing flips.
19 Oct. 9:47 am clear. 1 in *Pittosp.* 15' up on 1½" branch under canopy, wing flits.
12:20 1 on line next to *Pittosp.*, wing flits reddish tail
6 Nov 10:18 am light rain; 1 on line between *Pittosp* & oak - wing flicks, reddish tail.
14 Nov. 9:24 am clear, 1 on line briefly 8' from house, wing flicks, flew to *Pittos* 20' up
19 Nov 11:28 am clear; 1 in *Photinia* - did not see eating red berries
21 Oct 1999. 10:30± hazy sky, 1 on fence top out bathroom window, flew up 60° - 6½' to bill a pale blue berry off the elderberry tree over kitchen patio.
24 Oct clear 10 am; 1 on raingutter outside bathroom, 'tic' calls & wing flips, flew 8' to elderberry, perched on pencil lead branch & picked at berry cluster.
4 Nov 10 am clear; 1 on small branch above large cluster of *Sambucus* berries & on ground above kitchen patio, hops & short flights 8" to 1' from rocks to rocks.
1 Jan 2000 10:12 fog 1 on line, 7' from house rowing flicks

26 Aug. Berkeley, del Norte St, Alameda Co., CA
Saw one on lawn & walk in backyard across St. and have seen the few isolated individuals in N. Berk. and some perched in tops of tall trees. They breed here but in small numbers. Is there a local post breeding dispersal?
16 Sept a flock of about 12 flying to SE as an irregular line - pont.
20 Sept 8 am - fog - one "chucking" some where
3 Oct - 6 on lawn at North Berk Library
5 Oct - call note —, –, –. at 7:15 am
Then at 10:15 am one in top of elm
7 Oct. fog dispersing, cool & breezy. One in top of elm calling "chick, chik, chik, chick" and even song an abbreviated version - continues to call.
25 Oct. 7 am + clear, cool "chuck" calls in pont
29 Oct 7:30 am clouds Chuck call repeated. one in top of elm the 27th; 2 flew into cedar on 28th 4 pm 90% cloud cover 4 in bare elm to NW plus a few others. Nov 4:19 pm 5 in top 8' of a bare elm down street. More in cedar. 4:51 pm 6 flew S from up street.
31 Oct at Colusa & Beverly Sts. ½ mi. from here at 9:10 am 21 on lines over 75 yards, So after the rain earlier in the week the Robins appeared.
16 Nov. 1 pm 6 + about in elms - usually near top. also some chasing about
21 Nov. one in top of elm up street at 9:24 am flipping tail. Once "chucked" at 6:45 am.

Christmas 1997

Turdus m. 2

21 Nov. Del Norte St, Berkeley, Alameda Co, CA one in top of elm - 9:34 am, low over house an accipiter - pigeon size, flapping and 1 long glide, to NW. The robin disappeared. 10:09 am Robin at top of another elm. after it perches with wing tips drooped it flips tail, changes position breast away or toward the sun. Jays not doing this now days.

29 Nov: cloud cover low, mild temp. 7:15 am ± robins chucking - several birds and one singing the "rain song." first of the season! 1:49 pm broken sky 11 flew from S to NNW. Four landed in top of cedar up the st. for 5 minutes then continued NNW as the others did. They fly well above trees & houses. This must be the season of wandering about the countryside looking for something to eat.

30 Nov. 1:30 pm 5 + and about 15 + Cedar Waxwings in a flock landed in top of cedar up the street. Seen this flying in a flock with waxwings in rain

1 Dec 10:30 am clouds, 10 ± on lines near Colusa & Beverly Sts. none here in a.m.

2 Dec 9:43 am low clouds, quiet, dull gray. a flock of 15 ± to W. then dove down, swirling into trees 100 yds to W. 1:02 pm 18 leisurely flying W & suddenly turned & flew in a swirling way down to my cedar.

3 Dec. 7 am clear - alto stratus. One singing the rain song briefly

4 Dec., del Norte St., Berkeley, Alameda Co., CA
11 am rain loose flock of 11 flying N 200'. Saw dozen st. this am a group in a pyracantha bush.
9 Dec. typical of this rainy weather at 8 am, on Solano ave. = a loose flock of 35 ± robins flying SE in light rain.
13 Dec. clear cold windy 8-9 flew into elms & cedar up the St. at 9:55 am one "rain" song.
16 Dec. light rain; 7 in top of cedar up the street, finally flew to NW. why prominent perching. a loose flock of 30 in NW flew into top of my cedar, plus a dozen waxwings. all with swoops, fast flight & erratic. 10:56 am a large group (with waxwings) of 50 circling about, 150' up, and off to N. 11:11 am a flock of 40 ± flew into top of elms up the street & into my cedar (22 up st.), singles flying off then 10+ flying to E, over house. a great amount of movement.
2 minutes later only 3 left in top of elms. Small groups of waxwings. More singles from W. This is no organized flight. call notes of "chisk" type, repeated 4:07 pm light rain and wind. a flock of 40+ flew over house to a huge, broad pine tree behind a house up on Las Angeles St. — is this a communal roosting tree?
17 Dec. clear, 44°F, no wind, everything is wet and cold — doves in early-

17 Dec del Norte st., Berkeley, alameda co., calif
9 a.m. 2 in top of cedar up the street. This tree attracts birds to top. one in top of elm for 15 minutes - sunning?
19 Dec. 7:30 a.m. at least 1 (?) has been singing, - clear cool. Lots of "chuck" calls, so probably several.
2 Jan '88 only the occassional robin in elms, no large flocks. a few "tuck" calls in a.m. but not often.
13 Jan see waxwings a number (?25?) in neighborhood, great amount of activity, - flying in back of house in Photinia, etc. in cedar, elms - mid section & on top.
18 Jan scattered clouds 12:30 pm a loose flock of perhaps 30 flying low & high (relative to my window height) between cedar, oak & Pittosporum (and perched in elms) - great amount of flying to within trees, even in canopy of oak and on 3-4" branches. This occurred rather suddenly. No apparent organization to in other trees to sw. Then 8 waxwings into top of elm - a dozen in Pittosporum. In 5 minutes all is quiet - 3 in top of elm up street where also two in top of that cedar.
12:15 pm sonant "tic, tic" call & the sky was thick with 35 ± robins which quickly landed to w, many in upstreet cedar.
22 Jan. 2:00 pm one in top of cedar up the st. - flew down to N. Then one high in the NW elm (in top) In several minutes it was supplanted by another robin (former flew low to S. past my house) the other bird

22 Jan. Del Norte St., Berkeley, Alameda co., Caly
was up right in attitude and flicked
both wings and tail.

23 Jan 10:21 am a robin singing 11:15
a.m. a loose disorganized flock of robins
came out of the NW at tree top level
& flew over the house & continued to
the SE — leaving about 10 in the
tops of the elms up the street.

26 Jan a few loose flocks flying to NW
several robin calls from neighbor
hood but no dawn songs. "chuck,
chuck" (and 3 times) 4:50 pm the first
robin on the ledge (N) jumped lawn &
drank a few times from puddle on landing
from the last rain. back to landing - then
flew to N. ⌐ was perched in top of NW elm

27 Jan. only 4 or 5 seen this afternoon one ⤴

28 Jan 1:48 pm cloudy a flock of robins
and C. waxwings flew down into elms
up the street & the cedar. about 40 ±.
1:55 p. flocks of robins flying to the NW &
some C. waxwings, the locals, some of them,
follow. Now 15 in cedar up street. Loose
flocks of robins flying NNW.

29 Jan. 7:30 ± am one robin singing. 11:15 am
light rain a group of 40 + robins flew
into a bare Populus sp 200 yds W. Then
after 5 minutes they flew as a loose flock
strung out 150 yds wide & flew
over my house & on E — 10 landed in
elms in front of the house - now hunched
up in the rain. 11:20 am another 50 + from W and
more landed in elms - most flew over
rather high. another wave of 50 +.

29 Jan. Del Norte St., Berkeley, Alameda Co., Calif.
Thus in ten minutes about 200 in several very loose flocks have flown over. 11:25 am rain - light. In trees now 6-15-8-9 in as many elms & the cedar up the street. There is no organization in these wandering flocks of robins - at 11:31 there are only 2 singles in different trees in view. They do not have the flocking cohesiveness as waxwings. At noon - no robins in neighborhood.
30 Jan 11:45 am clear except few high clouds. 2 in cedar up the street — that is all I've seen this a.m.
1 Feb 2 pm clear, some cumuli. Suddenly 50± in a loose flock from E spun over area, circling, some landing in cedar up the st, others flying to the S & SE. again no flock cohesiveness; some flight erratic.
2 Feb. 12 noon 2 robins in elms - mid height - 40' up one flops to other it flies 12-18' they did this several times, replacing but not precise same place but about same distance.
4 Feb 4:20 pm clear no robins today
6 Feb 9:30 am one landed on ledge, 4' from 2 Brown Towhees, no reaction, then a Fox S quirrel approached, it flew when squirrel was 24" away.
8 Feb 12:15 pm clear quiet. 2 flying high out of NW flew over area then turned and dropped into top of cedar up the st. There for 2 minutes looking about, then flew down to veg. 100 yds to SW. Is this the way they find feeding sites — watching for other birds — see this date: waxwings.

ON
ARROLL

e Robins
Coming

N'T MEAN TO alarm you, but there is a
ll bird difficulty forming in Oakland. I'm
e'll be able to handle it, but if it gets out of
l . . . don't say I didn't warn you.

bins. We're talking tons of robins here.
talking robins chirping in an angry man-
Ve're talking dangerous swooping within
s of the heads of innocent gardeners.
talking actual midair robin fights.

e're talking 40 robins in the big tree be-
he Wasserman's
e. Right now. I
e them. Their in-
ns may not be
able. I do not
ne way they are
g my house.

ney will come
the chimney
at my face. OK,
e I worry too
. But what if I'm
? Hell of a news
Robins Ate My Face. Local Writer Beaked
ath. Police Detain Birds.

From vile Oregon they come, in huge numbers and in huge flocks

called Dr. Stephen Bailey, who did his
ral thesis on robins. He is the collections
ger in the Ornithology and Mammalogy
rtment at the California Academy of Sci-
, but that's just a sideline. His heart is in
behavior.

Worm crop," he said. "If there are no ber-
round your house, it has to be worms. See,
ary to popular wisdom, it is not the early
that gets the worm; it's the dominant bird
gets the worm. They are establishing domi-
e; that's why there's all the calling and
ing. Do you have worms?"

I have worms," I confessed. "See?" said
hen Bailey, Ph.D.

I WANTED TO FIND OUT MORE about my robins. "The intriguing thing about robins is how often they change behavior patterns. For instance, when there are a lot of berries — I'm sorry to talk about berries instead of worms, but my thesis was on berry-eating — they share them and don't fight. When there are fewer berries, that's when the fighting begins. But, interestingly, when there are hardly any berries, the fighting stops again. Just not worth squabbling over, I guess. So it's middle-range scarcity that really produces the problems."

Perhaps there might be a lesson in this that could be applied to human behavior. "Perhaps there might."

WHERE ARE MY ROBINS FROM? "An interesting question. Many robins are migratory. If you have a new flock there, it's probable that they're from the Pacific Northwest, Oregon or Washington or even British Columbia.

"That's where they breed. They fly south looking for food. That's why some years we get lots of robins — I've seen a flock of a thousand in the East Bay hills — and some years hardly any. They've found enough food farther north.

"On the other hand, I suspect — I can't prove it, you understand — that some robins just stay here year-round, defending their territory against other birds. So you may have your robins for quite a while."

But . . . if they're defending their territory against other birds, how come they spend so much time fighting with other flock-mates?

"Take the cedar waxwing." Please, I thought but did not say.

"The cedar waxwing always forages in the same way. The dominance patterns are clearly established and not open to discussion. They cooperate. But robins — both sexes, now — are far more erratic. That's why you get these feeding frenzies; that's why you get that kind of really aggressive behavior."

One more question: Will the robins eat my face? "Ho ho," said Dr. Stephen Bailey. I believe that he believed that I was joking.

8 Feb. del Norte st., berkeley, alameda co., calif.
3:28 pm one briefly on top of cedar up the street. 3:30 - back there again. 1 min. later it & another flew E over house.
9 Feb only ones seen were in tops of trees
10 Feb. several flights of robins over from N several in tops of trees.
11 Feb windy, clear, cool. see journal much robin activity flying singly & loose open groups and many singles in tops of elms & cedars. Evidently nervous. Some "tsch" calls. groups in erratic flights 10:55 am - flock of 30+ to NW, spread out -
12 Feb 11:20 am. several single robins in top of trees earlier. Suddenly 30-40 flying into SW cedar & elms in front - a great amount of activity & across the st. can't see if they are feeding there. They were joined briefly by a flock of 20 waxwings. Then in several minutes all gone - most flew over house to E. 12:20 pm. another wave of robins into the SW cedar this time 15-20, just up there seemly resting - is this a resting-digesting spot? after feeding elsewhere? few waxwings about the edges. 12:44 still much fly about by robins in the front yard including the oak. 12:53 pm one is singing! 3:15 pm still lots of robin activity to W across the street with many robins & a few waxwings in trees. They are also feeding on the pyracantha at the street and del Norte court. next to curb. about 50 robins & almost as many waxwings 3:30 a great many robins & waxwings

12 Feb., del Norte St., Berkeley, Alameda Co., Calif.
3:40 pm a robin is singing a long continuous song - first I've heard this song in afternoon - much calling of all sorts & birds moving off to E. 4:45 pm all gone - 1 in top of cedar & a few flying NW high over head.
13 Feb 9:25 am 11 in NW elm with 6 waxwings & 3 in W. elm - all flew to N. Other singles flying over to N. 11:10 a.m. robin in the top of cedar up street - if there is one robin about it will be there (or 2nd in top of NW elm).
14 Feb. 9:20 am a group of robins on Grove St. feeding in yards - esp. berries of ivy plants. 12:37 pm one in top of NW elm - only. 12:57 pm The sun is bright. 7 robins in top of up street cedar - on branches - all in shade = 3, 1, 1, 2 as groups clustered on different branches 3-8' from top & next to main trunk - i.e. 6" to 15" farthest from trunk is single bird 3'. - 3 just flew into same group. a line of 4 birds in upper most horizontal branch - with birds - 2 upper branches without birds or shade.
15 Feb 9 a.m. now & earlier flocks of 15-20 flying: to NW and SE. one perched in top of cedar up street. 9:18 am 5 in top of up street cedar tree, very exposed. 9:20 all flew to SE There are still small strung out groups of robins flying NW and S & E.
17 Feb. 10:15 am North Berkeley Pub. Library - the first of year seen foraging on lawn. 3:09 pm 6 in top of cedar up street, 4 in shade.
19 Feb No robins about all day!
20 Feb top of trees at 9:26 am cedar - 1, NW elm - 3 up st. elms

Christmas 1988 — Turdus mig — 9

Sat Feb., del Norte St., Berkeley, Alameda Co., Cal.
11:20 am 1 in top of up St. cedar & one in top of NW elm, - others were in the W elm. Also, one sang half hour ago. Do migrants wander in feeding flocks and the residents about as singles? (as these high perchers). 11:33 suddenly a shifting a scrub jay high in NW elm & four robins flew in - the jay flew to SW cedar, followed by another calling a lir - the relinquished the elm to the robins. 11:41 am Suddenly a large open flock of robins - most rather low over tree tops flew from the N to S in front of me. accompanied by two medium size flocks of waxwings (20±) flying from E overhead & swooping to NW. The local three - robins still in tree tops stayed put for 3 minutes +, then they too flew to the S. Just as suddenly no robins at 11:45 am. / 12:22 pm within 15 sec. about 30 flew from N to S in front of me, open flock varying heights. still 2 or 3 in local trees. 1:18 pm a lot of robins flying about the set of pines to the NW - 100 yds away. still one in NW elm & 3 in top of cedar up street. Much flying back & forth locally - no pattern. 1:23 13 in NW elm also = flock feeding on a pyracantha beyond the NW cluster of pines. Suddenly singing. & turn over of local birds. There is still
* fruit on pyracantha up St. at del Norte Court.
1:30 an extended flight of robins from N to S - 150 + long drawn out: abrupt end.
1:33 2 in NW elm and 2 in up St. cedar

21 Feb., del Norte St., Berkeley, Alameda Co., Calif
1:42 one in top of NW elm - that is all!
1:58 pm NW elm = 1 high N part of tree; 2 8' apart lower (10' from top) one on SE periphery other deeper into the tree. 2:37 another short burst of robin-waxwings from SW & over house to E
3:13 5 in top of NW elm, none in far cedar. 3:15 joined by 6 waxwings - first in my trees today
3:17 suddenly a swirling mass of 200+ robins + waxwings overheading overhead from E and to SW, leaving * 9 in tops of elms up the street, and 23 in top of cedar up st.
* plus 1 house finch. 3:27 all gone except 4 in the cedar & one in the elm. only the singletons?
22 Feb fog - 6:23 am two robins singing down the street somewhere - then a jay squawked. SEE WAXWINGS
9:04 25+ robins in tops of trees - several are singing. Many land, then move back up hill to where waxwings are feeding. 9:18 lots of robins flying into trees & over trees to NW. Still singing, several hundred, most intent on feeding: which ones have full stomachs? Robins in trees: 3, 11, 12, 5; still many flying off & flying by. 9:28 am a smaller flair up only about 100 robins this time N to S. Must be 300 robins passing thru the neighborhood. 12:46 pm a few robins in trees - 15 min. ago many from SW (no waxwings). 1:55 pm only one (in SW elm - high) in view now. 4:24 a wave of 200 robins & 75± waxwings from NW - flying low to the S: leaving only 2 in NW elm & 3 in up st cedar

22 Feb., del Norte St., Berkeley, Alameda Co., Calif
These were frightened — flight fast & somewhat erratic over tops of trees. was the hawk up there again.
23 Feb 10:25 a.m. 50 + fairly high flying to N strung out. I have not seen a pattern as to who discovers food first — waxwings or robins. No action up the street (Los Angeles) were both sp. were feeding yesterday. At this time only one robin — in top of NW elm. noon — robins up the street & NW where so much activity yesterday. 3:30 pm One is singing up the hill. Singing should increase now — what turns it on? Do they sing on the wintering ground?
3:42 about 20 robins & 30 waxwings came into elms, swooping — waxwings flew off — more activity up past the pines, as yesterday. 4:03 pm. a hundred flew from NW — pines area, in loose, strung out group high over trees — house, some dove down to cedar up the st., then flew SE also. — yes, an accipiter high to NW circling higher flew flaps. — and off to NW. 4:33 a robin in from on high, a steep undulating flight-dive down with wings low.
24 Feb at 6:22 a.m. calling "tsck" & "chuck" finally some singing & a "eeee"
25 Feb 4:40 one singing in top of NW elm — opens the bill several mm. in doing so.
26 Feb Not a robin day. a ~~fl~~ brief flight (N to S) of 10 birds about 10 am. One has been in top of up st. cedar perched in shade most of day.

4 Mar. , del Norte St., Berkeley, Alameda Co., Calif
very few if any robins in neighborhood this week. at 7:30 & at 8:30 one singing down the street. 3:55p - have seen 4 or 5 -
12:40pm 1 in top part of NW elm (rest of tree is swarming with goldfinches) Haven't seen Robins eating samaras.
5 Mar. 7:25-7:40 ± am a number of robins making noise - misc calls & several singing - the best dawn song since last spring.
7 Mar. 4:30 pm one singing in S cedar.
8 Mar. 5:30 + several robins singing the moon in window - this is before dawn but moon so bright. Where are the big flocks of robins? when do they migrate?
10:26 am one in top of up st. cedar.
12 Mar. Robins making calls at 5:40 a.m. Then 2 +? song for 10 min. another singing briefly about 7:45 am. 5:09p one in top of NW elm.
13 Mar 9:06 am robin singing to NW. Several about town on utility wires. No flocks flying by.
14 Mar. 5:27 am first robin singing, down st. 6:00 several more calling & singing. 6:03 am the prominent one quite singing now - one singing to NW & misc "tsiks", must be 4-6 making noise along with doves. 6:24 more loud singing — this is not the "rain song" as I call it. 6:43 2 flew into top of NW elm; one flew to other (4 ft.) it flew - they flew down to trees to N.
15 Mar. 8:23 am two in top of up st cedar - there have been a few more flying about. a

15 Mar. del Norte St., Berkeley, Alameda Co., CA
I have not seen a robin singing — do they sing on high perch or in roosting area? Or what time of day. 8:56 am a flight W to E med. height flew over — 15 in a broad front. 9:20 am another flight of 20 robins from W in a broad, deep band to E eastward & 11 landed in top of up St. cedar, top 6 horizontal branches (most 3/limb) — 8" apart. scattered fog. 9:34 am another brief flight from N. Their flocks are not tightly organized — but loose — a front wave maybe present.
18 Mar. Dawn song — began at 5:28 a.m.; first one then at least 6 singing, plus "clucks" fewer calls after 6 am.
19 Mar. Calls. a few flying in neighborhood at 7:45 am. 11 am one in top of elms up St. 11:20 am one singing to NW
22 Mar. 10:30 am One on fence across the street — robins are not always near when do they change feeding habits from berries to lawn worms? 4:10 pm a robin has been flying up St. to oak to NW lawn 20-30 ft several times. None in tops of trees today, nor calls or singing. 4:59 pm getting cloudy — one in top of up st. cedar. 6:32 pm = misc parts of song & calls as clouds come in — no "rain song"! Just before dark there are more noises from robins "tsck", songs. 6:40 pm one loud call is perhaps a variation of rain call tho very harsh — not the lilting one I'm used to here — what about bed time calls?

22 Mar., del Norte St., Berkeley, Alameda Co CA
6:41 pm car lights on. one loud call or series of notes, not precisely a song. from up the hill; dark except sky glow a series chic, chic, chic calls. (Me, in the cluster of pines NW — ?) Only once have I seen evidence of communal night roost.)
24 Mar. 8:20 am back from breakfast: 2 robins in N part of oak — one in canopy, other running along branch. 9:25 am one on 1' branch in oak in shade well below canopy. Two robins flying by to W one landed in top of elm up the street. 3:30 pm 2 on lower steps foraging among fallen oak leaves. 5:45 pm One on a main trunk in oak.
25 Mar. 8 am when I drove up & parked in front of the house there were 2 robins on the side walk in front of the steps — one had a black head, other a dull dark brown head — the latter had 3 or four fine strands (rootlets?) in bill — 2½" long. Both retreated up the steps & flew into lower trunks of the oak — the one with nesting material flew S. This is first real indication of nest building — will have to watch. Why was this pair in N part of oak yesterday? 8:59 am robin dull head flew from N to powerline to house adj. to N part of oak & then flew into oak — reappeared on line wiped bill & back into the oak. Item: there are robins in area, but one of the local ones are in tops of trees! Nor are the jays. 10:44 am one perched on that corner of oak on 4" branch in the shade 11:38 am one in tree in backyard across St., running along a 4" branch

25 Mar., delNorte St., Berkeley, Alameda Co, CA
almost all of the robin flights now are low between trees & not high above them. when I came back in at about 4pm both were on ground up the yard & flew at my approach. 11:50 am robins on steps flew up as I approached. Then another (robin, ie) flew into N part of tree & immediately a big chase by the ♂ & chased other bird to S into S elm. a high sharp "tsk-tsk" call associated with this action — this was certainly a territorial encounter. a scrub jay was in W elm (this side of St.) when all of this was happening. It certainly looks like this pr. has a nest under construction — ? in N part of oak. ♂ was on 4" branch under cover of canopy. 12:03pm at least one in oak — ~~in~~ NE corner — in front of my window being quiet & hopping along branches down from 3" to 1/4", directly inside canopy. 4:00pm went out — both robins on steps gg-ing & 3 mourning doves at sidewalk.

28 Mar. Started singing at 5:18 while still dark, most stopped at 5:42 am. when sky entirely pale. 9am 2 flew from up St to oak in front yard — under the elms now: fewer robins & flying low. 9:30 2 from S into lower part ~~of~~ oak N side.

29 Mar 6:45 am 2 at base of steps when I went out for brkfst. as I drove up St. another 2 flew from N to S into trees up St (W). So how many pairs ?. 8:31 am one on line over St. (from NW) another flew from NW to across St.

29 Mar., del Norte St., Berkeley, Alameda Co. CA
the one of line also flew across st.
8:39 am ♂ on line adjacent to oak, flew E, ♀ to line several ft w with bill full of 2" pieces of dried veg., flew into extreme N part of oak — over the steps. — inside the dense canopy. 8:43 Tsuk-Tsuk call. can't see what's going on. 9:02 one flew into top of NW elm Tsuk call, flipped tail — a ♀ a ♂ flew into tree (2 ♂) one 3-4' other 15' (plus a ♂ house sparrow) 9:05 now ♀ & closest ♂ which then flew down. 9:08 ♀ flew. These were first in tree tops in some time. 9:14 more flights from N lawn across the st to up st.

30 Mar. a robin in NW elm half way up under canopy — another from S flew at it & both flew N. One returned immediately from N & landed on power line next to oak — it was a ♂. 11:14 am a rather quiet, sharp "tsuk" call from robin in oak — a scrub jay flew N from area I suspect robins have nest ♂ came back to tree from N & three birds flying about & more calling This is not "Tsuk" call — distinct.

31 Mar. 9:07 am Robin in oak tree chased another from N to w. ♂ frequently on the power line. 2+ robins flying from NE into W elm & beyond 10:16 am ♂ on line adj. to oak - his crest is raised, rather vertical stance looking about. another robin to N part of oak from inside canopy & S. ♂ flew in no calls or flying about.

~~31 Mar.~~, Del Monte St. Berkeley, Alameda Co. CA

1 Apr 1 pm single robin briefly in top of up st cedar - first there for a long time. 3:10 pm ♂♀ on steps when I arrived 5: pm robin up st. N - singing the rain song 6:50 pm. afterglow - several Robins singing but not rain song - RAINSONG is lilting up & down scale song; very beautiful & unique. I can't remember where I heard this ~~song~~ term for the song. - it goes back some years.

2 Apr 9:59 am 2 flying together through the trees in the neighborhood. SEE SCRUB

★ Jay acct 11:23 am one singing briefly far away to the NW.

4 Apr 10:45 one from SE to gilliam wire, wiped bill looked about - flew N. its breast was messed up with mud! 11 am robin singing - ♂ on ledge, flipped wings - a ♂ English Sparrow landed 6" from it. 3:30 pm pair on side walk foraging. 7:15 (not sunset yet) robin flew N calling e-e-e-e, etc. (is there a ♂ roost?) 7:54 robin close - NW giving the loud sharp e-e-e call, almost dark - no singing - a very quiet evening - no birds flying about tops of trees.

5 Apr at 3:30 pm the pair on steps I can approach to 10' before flight to low down hanging oak branches - no mud stains in these 2 yet. 7:29 almost sunset = ~~to~~ NW e-e-e-e call.

6 Apr. 4:45 first robin singing a blackbird by 5:45 a half dozen in distance - none real close - a few "chuck" calls, 6:20 first dark blue of sky - lots of singing. 6:44 am robins stopped singing. 8:30 am one singing in front somewhere

6 Apr., Del Norte St., Berkeley, Alameda Co., Calif.
2:15pm went down steps ♂ in gutter — one flew over from N & chased down st with chase call. 4:43pm ♀ on power line on one leg near Pittos. preening about
7 Apr. 1pm both on steps & street. 1:40 ♀ on wire next to oak preening — no mud on breast. 3:30pm lost house ♂, ♀ & another on lower steps & gutter — could approach ♂ to 7' flew across st. carrying harbor
3:50pm bath on lower steps & retreated up steps — ♀ first to 6' of ♂, both flew 15' up steps (approached slowly) & flew into oak. ♀ was near open center on a 6" trunk — ♂ in inner canopy on a 1/4" branch. as Pitelka termed it years ago "the twiggery". 4:10pm ♂ singing "rain song" to NW. 4:45 ♂ on line 20" from oak preening. from up NW a few songs and the harsh er-er-er call ♂ flew NW. (see journal — 4:50) 7:50pm seen well down. robin in oak or cedar: chi, chi tuk; tuk, tuk, chi. They are all mixed up
9 Apr 9am the pair on sidewalk walking & turning over leaves with bills. no calls 8:10 almost dark — robin singing in yard in back — it's a hybrid call = song and the "rain song" elements of both, loud, long stanzas, but not the lilting quality.
11 Apr Singing / "dawn song" at 5:45 to about 7:30 am
12 Apr didn't see them today — lots of white feces splashes on lower half of steps — more all the time. Is this roosting, hanging out or nesting?

13 apr., del Norte St., Berkeley, Alameda Co., Calif
first singing at 5:20 am dawn the three
full blast by 6:10 am 6:24 saw & heard a bird
fly over it landed at robin post on the line
near oak. It sang & disappeared — into oak?
The pair were on the steps when I returned
from breakfast at 8:15 am.
15 apr. 10:59 am 2 near top of cedar up the St.
16 apr. 3:48 pm ♂ onto ledge upright bright
yellow bill
17 apr 8:01 pm "tsic", "Tuck tuck, tuck" & e—
e—e—e" calls & brief songs from
mainly NW. Need to pay more attention
to them — song.
18 apr. brief rain in am. scattered clouds. Spent
afternoon gessoing panels, etc. until after
7 so didn't hear "rain song" before clouds
lowered & a solid light rain by 7:30 pm.
at 7:50 with light left — a robin out in
front singing — a lilting song with
ascending notes, almost a warbling song
22 apr 7:51 pm complete cloud cover getting dark
one singing loud to NW — close. Is it the
rain song? ascending, but lilting enough.
7:58 one in top of cedar up St. ~~tuck~~ er, -er, r
repeatedly
23 apr 8:19 pm afterglow, dark near, robin sing-
ing & tuck-tuck-tuck call. 2 birds I think close, En
26 apr haven't seen pair in front — on steps or in
side walk for a week (?). 7:58 Tuk tuk calls
in front — very sharp calls.
28 apr 8:14 pm almost dark — one song close by
29 apr have not seen the pair of robins
about front steps since the rain no
new crap on steps

29 Apr., del Norte St., Berkeley, Alameda Co., Calif robin ♂ on wires of pole across the st. at 8:33 am in light rain.
1 May 2:40 pm brief period of singing 4:30 robin flew into lower branches of oak where the earlier pair were stationed — a sudden flurry of activity & calling from 3 robins down st & across str.
Since the first rain — 3 weeks ago the pair have not been on steps or in st, or in this section of tree.
2 May 7:36 pm one singing somewhere. sundown
4 May 10:05 am robin singing. The local robins have practically disappeared. Yesterday at U. Berk Library ♂ on a lawn. 10:16 am one flew from S to NE at tree top level over up st. elms; another flew out of W most elm & followed it. 4:07 one singing briefly. Early am — 5ish one far away after scrub jay called.
5 May 7:30 am one singing quite close - in cedar? 10:06 am one flew over & landed in top of up st. cedar "chuck-chuck" call - a song from somewhere. 10:08 flew down into up st. elms. 10:11 calls close in somewhere "queek" + calls. 1:17 pm one flew 25' up from W into NE elm. no calls.
7 May in back at 7:59 pm "Tuck, Tuck" calls -
10 May 7:40 pm robin in backyard (they have a big lawn) 8:22 pm after sundown almost dark — a call in front E-E-E high harsh, sharp syllables. to the N.
11 May 7:26 pm flew high lands to W. one singing
13 May 8:30 am ♂ on sidewalk in front of house, flew across st. into Pittos.
15 May pair on ground at beds level at 8:45 am flew up & into Linden tree, ♂ flew S, ♀ gone

15 May, delNorte st., Berkeley, Alameda Co. CA up right pole & quivered wings then followed ♂, 9:06 am one in top of up st. cedar, flew down into elms up st. 9:07 one singing way off to NW. Have been some "tuck" calls closer. 10:53 am one on line 25' up near NW elm across st.

16 May 10:24 am, 2 in ivy on utility pole across st in front of my house - possible new nest(?) I can see area clearly - they flew into lower part of the oak.

17 May 8:49 am one, at least, lots of calling low in NW elm, about utility pole across st. "chick", one was low in N part of oak earlier.

19 May 4:28 pm one singing, close, to NW.

21 May see journal - lawn chases. Songs and E-e-e-e off and on during the day.

22 May 5 pm overcast - a reasonable rain-song.

26 May 8:07 pm ♀ on line over st, plump, looking about. Rather quiet for them; very few songs.

27 May am = still flying into & about the ivy on the telephone pole across st from my steps. They are very quiet - only a few "chucks." 7:41 e-e-e, etc calls from close NW.

28 May see journal. One flew into ivy on utility pole again. 8:15 pm a robin singing in back

29 May 7:35 pm one on lawn across st. again earlier today flying into ivy on pole 8:36 pm robin singing, "which-which."

30 May 12:33 pm ♀ on line 10' from pole from ivy - calling "whip" short, short then to ivy. 2:31 pm one singing to W

31 May, del Norte st., Berkeley, Alameda Co., Calif
7 am one on line with red berry in bill
pair across st more prominent of
late.
1 June 8:35 p high clouds - singing off to NW & er-er-er
2 June 8:28 clouds to W. - singing off to NW.
8 June in front today, in NW dir law. S side,
on lines and into the ivy on w. pole acr st
9 June about ivy on pole & one singing at 4pm
10 June one ♂ exposed mid branches of
Weleby - came in from E; then flew down
into Gilliams yard. 12:20 pm singing to S.
3:09 pm one on small lawn across st
ducks head down & runs 6' then erect.
11 June robins active across st. earlier 11:44 am
both on line 24" apart (about) ♀ wiping bill
the ♂(?) was in oak 3' away then to line. The
branches nearest in oak waving. Then both
flew low to N into Gilliams yard. 11:48 one
flew from N to ivy-pole. 8:26 sunset one
"E-e-e" & "tuck" calls close in; one off to NW singing
12 June 3:57 pm warm sunny - one singing
13 June Robins started dawn song before
5am & continued until daylight about
5:35 then all was quiet until a jay
squawked.
14 June 2 perched on lines 2' & 12' N of
oak. both alert, ♀ to ground, ♂ watching
then flew across st. to W.
14 June 2:30 pm ♂ on top of wooden frame
of front yard deck with fecal sac - dropped it
16 June 9:46 am ♀ on line - dropped fecal ½ sac
where did she come from?
18 June 9:50 am ♀ on line next to oak "tuck" calls

Turdus mig.

18 June, del Norte St., Berkeley, Alameda Co. CA
one sang very loud & close at 6: am
19 June see Experiment ZE this date
8:24 pm dusk in the fog - lots of robin chatter across the st. somewhere. Excited "tucks", harsh "chips", etc "tuck, tuck" can't see anything
20 June 8:43 am suddenly ♂ on ledge in front of me - he must have been checking out the robin model - but no calls were heard. 9:03 a robin 10' down from top of up st. cedar.
21 June 10:30 am the ♂ chased a mockingbird into oak from N & hit it on outer canopy & returned N.
22 June see scrub jay acct.
1 July 10:02 am ♀ on line 6' from house flew down to yard. They have been in area, but relatively quiet & to N more than usual, still about pole-ivy as center of activity.
2 July a juv. "tucking" & out of oak onto the line 3' from door then N beyond P; His first due seen here. One ad is returning to suspected nest in ivy on pole across street - 1:36 pm.
3 July The normal singing pattern in a.m is to start about 4:45 am & stop when light - about 5:30 am. This a.m. with a high fog were (a number) singing about 8 a.m
7 July 9:15 am ♀ 40' up in NW elm, 20' from nest pole, leisurely preening - no sign of young bird or pursal - rather quiet lately. 12:07 pm ♂ on lawn across the st. - sprinkler is on

8 July, del Norte St., Berkeley, Alameda Co., CA
9:18 am one flew into nest area in ivy on pole. 12:20 pm ♂ in SE-side of NW elm preening & wiping bill 30' up. It scratched its head over the wing.
9 July a robin in yard behind me has been "tuks" & "chirping" lot of a.m.
18 July 11:03 am robin has been flying into the ivy on pole & on sidewalks & grass across the st. very little robin singing at
19 July 5 am one robin singing briefly way off.
20 July 7:45 am one "tucking" & calling in back yard. 8:10 am robin in ivy across the st.
22 July 3:24 pm robin into ivy! a nest?
23 " off & on today " " "
3 aug 11:21 am ♂ in elm preening; had a bath.
11 aug no robins lately. 7:56 pm 5, 25' above elms flying W to E.
12 aug 2 — 2/3 up in S. cedar. just perched. 4:05 pm robin call "eh-eh-eh-eh"
13 aug. 9:30 am fog; one on very top of up st. cedar for 1 minute +. First, up there for awhile
15 aug 9:11 am 2 in top of up st. cedar, flew W.
18 aug This sp. not in evidence now.
21 aug cloudy; "tuks" loud & to W. Faraway now
27 aug Not in evidence at all, but hear the "tuk" call once in awhile. 5:45 pm 1 flew to S - height of cedar "tuk" call. This is the winter pattern.
29 aug none
3 Sept 8:45 am near Solano 2 on a lawn. 9:20 am one in top of up St. cedar.

Turdus mig.

7 Sept., del Norte St., Berkeley, Alameda Co., Cal. several singles flying high & to E, one land in top of NW elm - didn't hear any calls all at 8:50 am One from W. into top of the up st. cedar. When do migrants start arriving?
10 Sept fog, 8:20 am one in elms - high pitched er-er-er =, - - —. They are about but not at all obvious.
19 Sept high clouds 11:21 am one in very top of up st. cedar a short while. Robins have not been in evidence lately.
20 Sept one woke me up about 6 am before dawn, close in, with several loud "tucks".
23 Sept ♂ in lower part of NW elm on 8" branch. Saw several on lawns to S earlier today. 6:48 pm an e-e — e - é call, distance. 6:59 pm the first robin from W to E high.
24 Sept 1:06 pm - high fog & cool. one in top of NW elm for several minutes. The robins are a bit more in evidence now — but no influx of numbers yet.
26 Sept 9:17 am one briefly in top of up st cedar
27 Sept at 8:10 am saw 2 robins on a lawn while driving - flew up - 3' to 6'. facing each other. At 10:15 am one in top of up St cedar - 20 sec.
1 Oct. 10:50 am one high in NW elm near end of branch (? light or white stripe out & wing or living). Another in top of up St cedar.
2 Oct 6:50 sun is down 2 robins up st cedar top & flying Then 6:52 pm 5 flew E low over trees
9 Oct. am Several have flown into top of W. up st elms, singly, for several minutes

4 Oct., del Norte St., Berkeley, Alameda Co., Calif
11:10 am 2 from SW to NE fairly high.
5 Oct only a few seen today - as singles.
1:30 pm a flight of eight from N, split over the circle, 1 E over house & one into up st. cedar. Rest continued SW. This is first "flight" of a robin group seen this fall. Now (1:40) 2 high in NW elm with several house finches.
6 Oct fog & cool, 2 flew out of NW rather high. 2 in top of up st. cedar & one on lawn across st. 2:00 pm 3 in top of up st cedar
3:17 pm 5 in top of NW elm - the winter pattern
7 Oct 9:43 am 2 robins - high from out of the NW.
11 Oct. a few singles flying over high. Once in a while one in tops of highest trees.
14 Oct 2 = at 8:45 one top of NW elm, other top of up st. cedar no calls. (another in W row of elms near top.) 8:55 am 2 flying NW over tops of trees one landed in top of up st. cedar, other continued. E-e-e call. Thus the winter pattern of prominent perch & flying about. The difference is the number of birds. 8:57 am 2 more to N high. Heard bits of a robin song close in.
15 Oct. 3 robins high in elms at 9:40 am
10:05 am a robin calling persistently - "chick, chick, chek, chek."
17 Oct 2 in top of up st cedar at 10:25 am
19 Oct. 8:04 am 4 in top of up st cedar, thin fog
8:14 am 3 flew SW low - no calls. 9:11 am a flock of 5+ from W to NE. Several high in up st elms but not in top. 9:16 am 4 very high to E.

~~19~~ 21 Oct., del Norte St., Berkeley, Alameda Co., calif
4 in up st. W. elms near and side at 11:45 am
I think this is first "congregation" in bare
elms, i.e. more than one. One or 2 separately
in top of up st cedar earlier this a.m.
2:56 pm a flight of 4 from NW & one briefly
in NW elm.
22 Oct 9:19 am fog, a flight of 7 from W into
up st. elms. – already 3 or 4 perched in
them. This is the winter pattern. 9:21 3 in
top of up st. cedar. Thus they move thru
town. 9:29 am one briefly in top of NW elm
flew NE. One briefly in top of up st cedar
– it flew N. This is a pattern this a.m.
11:56 am still single robins flying out of
W to NE, some high and not lots or flocks.
23 Oct 10:46 am fog. There has been about
6 in elms, with lots of wild chases of 2
birds thru trees and between trees at all
levels except below 30'. Why the chasing?
Suddenly robins in evidence and this
chasing activity making them more obvious
There are also more calls – but not at
first light. 10:56 rather quiet, except one
is singing. Many call notes. 11 am suddenly
a lot of single birds flying at different
heights – all to N. No local birds. This
was not a "flock" activity, as such.
25 Oct. 9:49 am fog, 51°F a flight of 6+ came
in 3 in top of up st. cedar & in up st
elms – all high. There were several low
in yards earlier. 1 in top of NW elm. Much
chasing thru middle of elms – why all of
this chasing? local territorial disputes?

25 Oct., del Norte St. Berkeley, Alameda Co., Calif. most chases are 30'–50' in length and often erratic in flight between 40'–60' up in the bare elms. There is some singing — is this a clue to hormonal levels? There are 3 or 4 times as many robins in neighborhood now as in late spring to early fall (even 3 weeks ago). So: new migrants in for sure. Are the local birds showing signs of territorial defense — this is late in the season for that. 10:14 am. 52°F fog: 3 into top of up st. cedar; then almost 8+ flying about in up st elms as well as in W. elms. A few seem to be feeding (?) in shrubs up st for they are flying up into elms from shrubs & lawn trees – all broadleaved. 10:19 am at least 12 – much flying & chasing into my cedar & into Pittos & on lines. E-E-E calls. "che-e-e" calls & loud singing "tuck" calls. More flying into top of up st cedar & elms. Is this a local concentration? 10:37 am more fast erratic flights & chases between & in elms. 40'–60' up & 2, 3 & 4 birds involved! There is no evidence of a feeding source locally.

26 Oct. 2:27 pm no robins in neighborhood since 1 pm. or 1 hr in am.

27 Oct. 10:10 am one briefly in top of up st cedar this was only one seen.

28 Oct. Small groups of robins flying about – high over trees. 1/2 mi SW a group of waxwings & robins in sycamore trees.

Turdus mig.

29 Oct., del Norte St. Berkeley, Alameda Co., Calif
Fog, cool, several in trees early on; then for a period of about 20 min. there were about a dozen in NW elms & up st. cedar. There were calls and a few songs. Then they flew off — only one or 2 seen for the rest of the day.
3 Nov 10:45 am one in up st cedar top & another top of NW elm. These are the only ones seen today. Just around much!
1:15 pm suddenly a flight, 8 over trees from NW; 5 into top 5' of up st cedar, 3 in up st elms 1 top of NW elm. all perched high in trees.
1:26 8-10 into these trees & more flew to E. Some 10' or more below tops of trees. Some flew SW & low, leaving none in cedar & 5 in tops in 4 elms over 30 yards. 1:45 only a few but single birds flying fast & erratic thru trees & low to SW across the st. 2:12 pm robin singing — first today. 2:34 still singing 2:40 3 in elms & all calls & one still singing off to NW.
2:58 pm 7 in top of NW elm 6+' apart; 2 more & a few in other elms no calls. The winter flocking behavior is now extant!
4 Nov 11:30 am. since 8 am have seen none!
11:35 one in top of up st cedar
8 Nov 10:58 am overcast - 3 in NW elm, top, some singing. Earlier 1 @ in up st cedar & same elm. No concentration — minimal numbers
9 Nov. afternoon 5 in backyard feeding on red berrys of Photinia & Cotoneaster.
12 Nov only 1, 4 or 5 seen last several days.
14 Nov 8 am about 6 in near cedar in top, with 2 jays. a few flying overhead.

18 Nov., del Norte St., Berkeley, Alameda Co., Cal.
10:15 am clear, 49° F one 14" from top of up st. cedar. I have seen only fewer than 5 per day - they have not been in evidence. Earlier in week with rain saw 4 or 6 flying by high. Have just as individuals.
20 Nov drizzle, a group of about 7 in a broad front flying high to S, then same bunch, I think, even more separated flying N. few calls. 3:35 pm a broad (150 yards) flight of robins from SW - at least 20; fairly high - continued to NE.
21 Nov 4 from W at 8:32 am 2 landed on pole & line at circle & two in up st cedar - all dove in a zig-zag ~~pattern~~ fashion down to perches - latter 2 flew N later. 7 in elms at 1:10, preening loafing - can't hear outside 53° F. most flew to new position at 1:13
23 Nov. No robins seen yesterday, except 4 that flew over to E. 8:45 am 2 near top of NW elm for 1/2 hr.
26 Nov. first robin today at 3:56 pm NW elm, briefly
27 Nov 7:30 am one singing at mid distance.
28 Nov 9 am 2 into top of up st cedar - overcast
30 Nov. 3:10 pm 3 in top of up st cedar in a mild breeze - tree waving a bit; plus 1 more. 1 min all flew
Few robins lately, especially last 2 days.
4 Dec 7+ am. ~~all~~ robin calls, tho no songs they have been quiet of late. why so early.
5 Dec 1:57 pm 2 in top of up st cedar; one earlier - about 9 am, that's all I've seen so far today.

5 Dec., del Norte st. Berkeley, Alameda co., calif.
4:08 pm cloudy 4 in NW elm (top) scrub jay 10' away, one flew (called E-E-E), 15 sec others flew
17 Dec 9:34 am cloudy – only one or two seen at one time/day. a broad flight of 15+ high, out of NW. Then they circled back over house to W. Broad means the 15+ 150 yds across – a "loose" flock.
19 Dec 9:07 am cloudy, 9 in up st elms & in up st cedar. came in as a flock.
23 Dec at 8:15 am 4 in NW elm. 2 flew independly to low trees (one 50 yds to W, other to Pittos & yard to N). Robins are very inconsistent – some days one or none about. at 9:10 am none in trees, but a broad flock of 5 high to SE from NW. There have been no concentrations
28 Dec. 8 am Robin singing in distance.
29 Dec 9:18 am 1 in top of NW elm.
30 Dec 7:30 am one singing & E-E-trill in the distance. all am just several singles about. 12:07 am 3 in top of up st cedar & in top of NW elm – all being very shy.
1 Jan 89 lots (6+) about making noise, one song & at berries in back yard
2 Jan calls & singing at 8:am; 8:30 am a dozen ± in cotoneasters & Photinias in back yard & yard to N. and 7 in top of NW. elm. 10:58 am an unknown number flying from up st elms down to berry shrubs. This is first feeding flock of the season & after sunrise singing has begun.
3 Jan 11:26 am 6 in top of up st cedar – first seen today.

4 Jan., del norte st. berkeley, alameda co., calif
8am good light a robin down the st.
sing full spring song.
6 Jan. 8am a robin in full song in light
when do they start singing before dawn?
3:42 cloudy - a flight (20+) from NE to W.
7 Jan not much observing today - 3pm a low
flight of robins - calls & songs, 15 in NW elm.
9 Jan 9:30 am overcast cold several singing
loud and complete song - full voice
13 Jan 7am one singing full song - first light,
it did not sing in the dark!
21 Jan several singing in bright full moon
before dawn. 2 way off one close in.
25 Jan 7 am (light) & 9:13 am Robin singing.
27 Jan 7am barely light robins singing
check on last year!
28 Jan 9:45 am 9 flew into top 6' of up st. cedar
along with a starling in top all hunched up.
9:50 9 robins to S & 1 starlings to W. (flew high / fog)
29 Jan 7 am dense low clouds - robins close in
calling "tuck", e-e-e and singing full, loud.
30 Jan 6:36 am first light 2 calling & sing
in the cedar tree close by & several off. 9:30
one singing close by (in NW elm?). 9 am seems
to be 2 or 3 about rather consistently in elms
sometime top of up st cedar. Of course don't
know if they are the same individuals 9:30
3 in top of up st. cedar - from N - NW. 9:34
1 flew to top of tree & the 3 flew to N. A few
e-e-e calls.
31 Jan 1:02 2 in top of NW elm 15' apart. One
flew to other which flew 15'±. They did this twice
not a real pursuit but perch replacement

31 Jan del norte st, Berkeley, alameda co., calif
3:47 pm a flight of robins, low from NW
5 landed in top 5' of up st. cedar, rest on to E
3:56 pm only 2, rest flew S. Frequent calls heard
2 Feb 9:30 am cloudy, 50+ low from N
between elms to S. one or 2 landed.
3:52 pm a broad fronted flock NW to SE fairly high, about 15 & several in trees flew low — then a cooper hawk flap-flap-soar in circles to NW & on in that direction. One robin calling E-E-E loudly.
8 Feb a.m. windy, cool, overcast flights of 5 – 12 birds thru area, a few in tops of elms.
9 Feb 2:30 there has been 1 in top of up st. cedar & 1 in top NW elm & several in up st. elms — so far no flights. 2:39 2 flying about trunks of first elm up the st. 25' up.
10 Feb 10:43 am 2 in top of up st cedar; only ones around
11:15 am overcast, a high, broad flight, split to W & SE, dozen +, one landed up st cedar, then another.
11 Feb 10 am + 2 robins, high in trees, the yellow bills do show prominently.
12 Feb robin in top of NW elm I've seen this individual before — it is lacking, bilaterally a row of coverts, so it appears to have a white wing bar. Is it a local?
15 Feb many singing & calling before light
8:48 am broad, loose flock of 8 SW to NE med high
18 Feb dark at 5:46 am one singing in distance
23 Feb 6:02 just after sundown, 3 in top of up st cedar; few about today, only one or 2
24 Feb 5:55 – 6:05 still dark E-E-E, tuck calls loud close in & singing a block away — at least 3 birds

Turdus mig.

25 Feb., <u>del Norte St., Berkeley, Alameda Co., Calif</u>
They were singing in the dark this am
Saw 2 in top of up st. cedar. cloudy.
<u>1 Mar.</u> afternoon Practically for the first time numerous flights of singles & up to 15 at a time. 13 in NW elm at one time- much flying about. a few seems to attract more. This a.m. = 5:28 am several singing. SEE Cooper hawk acct. a storm is coming in - lots of bird activity! 3:23 9 in NW elm - lots of sing & has been all pm. 3:39 robins everywhere, flying in all direction, along with waxwings, lots of singing. Both sp. feeding on toyon and cotoneaster in neighbors (N) backyard light sprinkle now, (more than at 1 pm). 4:08 only 7 or 8 left - some singing. earlier - one chase noticed. 4:37 light rain - 1 top of up st cedar & 4 top of NW elm - a flight (broad) from N 15+ all 10-20' apart. 4:45 another flight from N - all local ones flew this - all low. Then a flight of 100 ±, higher, broad front to SW
Are they going to a roost?
<u>4 Mar</u> 11:30 am light rain. Only seen one this am - in top of up st cedar 12:07 pm slight rain - robin singing close by. 1:30 1 in top up st cedar, then 2 in W elm, 2 NW elm, 3 up st (W side) elms. 2:10 15 ± flock - 75 yds broad from W, not too high, circled & split up; some (5) to NW, rest to E. rain has stopped.
<u>15 Mar.</u> 6 am + one singing & one or two "chick-chick" call (not the sharper "tuck". 8:45 am none about. a large flight over several days

[illegible]

Turdus mig.

15) Mar, Del Norte St., Berkeley, Alameda Co., Calif
ago - high from NW.
large winter flocks - high perch Squadrome
Spring territories, pairs formation " ".
when - is it correlated with weather
3:37 pm one on top of pole at circle & tree
over high - First, one seen today.
18 Mar 9:15 am light rain robin high up in NW elm
tugging at strands of dead bark on 1" limb
(squirrel stripped) then flew down out of
sight (oak?). This bird is the one lacking
a row of wing coverts (dorsal)?
haven't seen many robin activity in
last several days.
19 Mar 6:40 pm past sunset dark, but light
to W. Robin singing loudly & very close.
This is a first. - a bit more robin activity today
21 Mar 9:29 am robin with white wing bar - a
♀, extra white on head. in top 10' of NW elm -
is tugging at twigs - moving about 6' +,
to new spot to tug. Then flew down to
lower, W Pittos. 3:23 pm robin on line over
st. then flew to utility pole across the st
which is covered with ivy. Was flying & landing there.
22 Mar 6:44 first dark a band of dull light
under clouds & fog to W. a robin sing close.
23 Mar 8 am Colusa ave. ♂ singing on
lamp post. 8:34 here. ♂ on line over st
then flew into N part of oak 20' above
ground - nest site hunting. 11:08 am
a robin in top of up st cedar. First in several days
3:15 pm robin to ground in neighbors yard to S then
flew up onto an oak branch 20'+ up, 10" diameter
- a trunk; then flew with something in bill to

23 Mar., del Norte st. Berkeley, alameda co, calif.
... 50'+ to NW. This was repeated with 2 birds. They are at 3:45 flying under lower elm branchs up st. & perched on lower limbs of elm. at this time also one in top of up st cedar. E-E-E call heard — pre rain overcast. another robin joins it in top of up st. cedar. 3:46 one flew high to S. flew 3:59.
24 Mar. one briefly in top of up st. cedar and one in gutter of street at 6:55 am. I think we have two robin situations now — un mated migratory birds who are wandering about & on "high perches" and birds who are on territories now & who are within generally 30' of the ground. They are under canopies or fly up into trees!
25 Mar 6-hard rain - robin singing. 8:30 one perched in S part of NW elm - mid section 35' up. 10:45 am one in top of NW elm - scattered cumuli 10:47 dove into veg. across st. to SW.
26 Mar one robin at a time — on high perches — 4:15 pm one singing "rain song" about to rain!
27 Mar first robin singing at 4:34 am all quiet by first light
28 Mar 9 am 1 in top of up st cedar; another in top of up st. elm. Same singing. Former flew to NW at 9:17; another in same tree, unseen to NW. latter still there. 2:28 one in top of up st cedar & one calling. One chase earlier lower part of elms across st. 3:13 pm 5 robins & several cedar waxwings flew up to top of elms from across st. w.

30 Mar.,
pretty much clear. twice about 11 am robins as single high in bare elms. Then one flew from high in NW elm to SW across street, going low. Then another from SE to NW over tops of trees. The number of robins seen is much reduced. So two populations a flocking gregarious group that feed locally in a group. Then the locals — to locals mix with others?
3:52 pm 2 robins (and 5 house finches) in tops of NW elms — one is the ? ♀ with white wingbar.
31 Mar ♀ (?) briefly on landing looking about — face not a rich dark black. Flew to NW elm — more robins in neighborhood — 4 or 5 than recently. 11:20 several more robins in tops of trees — so far no "low" activity as several days ago!
4 Mar one one or two evident in last several days — at 9:38 am one on top of up st utility pole. 12:49 pm ♂ (?) on 6" branch under canopy of NW elm 50' over st.
6 Apr 8 am one on 5" limb in oaks in back yard. 9 pm on Solano — one singing — perched on lamp post.
8 Apr am still dark one singing awhile by 10:30 am: one flew over & one in top of up st. elm & another in top of up st cedar. 10:35 one 40' up in elm up st. among branches, not exposed slightly 1/2 of of tree, S side.
9 ~~Mar~~ Apr. 4:55 – 5:46 58°F dark night; 6 pm one still singing. lite = 6:20 one singing — quiet 6:33

9 Apr., del Norte St., Berkeley, Alameda Co., Calif.
11:08 am in back yard loud "cheek" call of robin — not "tuck" — didn't see the bird or know exactly where it was. Saw a jay fly low into oak-Pittos to S. several minutes later, more calls — then saw jay high in Sambucus tree wiping its bill. SEE towhee acct.
11:24 am ♂ to top of up st cedar. Few robins evident in area.
11 Apr. one in top of up st. cedar at 9 am. another from NW flew in — a chase - fight in top of cedar; original one flew to top of NW elm & displaced a house finch. Loves on the prominent high branches now.
10:26 am robin singing somewhere. 12:04 pm ♂ flew up steeply from yard across St. to top of NW elm - 2 min. - then a steep fast flight thru elms to yards tow - down
12 Apr 9:43 am one in top NW elm briefly. 10:09 same bird again on top elm & flying about — and some singing.
- See Scrub jay acct
14 Apr. 11:47 am Jay - one in top of NW elm — has been there several times today & yesterday
15 Apr first robin singing at 4:13 am, by 5:15 a bunch singing — still dark. 10:45 am fog robin with missing coverts 3/4 up in NW elm — looks to be a ♀, preening.
19 Apr blue egg shell found on floor of the kitchen patio at 8 am — not there at 5 pm yesterday
25 Apr. 8:20 am one in top of up St cedar — then flew SE high. They still sing before light — not much in evidence in past several weeks

25 Apr., deNorte St., Berkeley, Alameda Co., Calif
however 2 are seen everyday in lower part of w elm. And have been seen flying to the ivy covered utility pole across st. A pair nested there last year. I can't see the top 2/3 except top 3' – robins fly to area 6' down from top near a cross bar (wood) – do they have a nest? SEE Scrub Jay Acct. this date
4 May 9:52 am robin chased a jay from the ivy covered utility pole across st. where robins may have nest. Robins have been in area and several seen, rarely, in top of elms or up st. cedar.
9:54 – robin calling loudly – "cheeb"
6 May 12:34 pm ♂ from S to line over street for 30 sec. looking about – with a ½" green larva in bill; then flew to ivy on utility pole across st.
13 May Two still about on line & w elm S side lane & to utility pole with ivy no direct evidence of young. This a.m at 5:22 am several singing, one for a minute or so very close.
17 May 8:23 am ♂ flew from ivy/utility pole past window with fecal sac in bill.
19 May 8:47 am ♂ on horizontal branch 12' below top of up st cedar. First one high in awhile. The local pair have been below midsection of the elms.
2:15 pm off & on ♂ on branches of oak (5"+) under flying branch to branch, "chuck", "tuck" calls & then flew low to N. ave with something red in bill

20 May, del Norte St. Berkeley, Alameda Co., CA
all a.m. off & on the ♂ has been
calling "chip" mostly, often "tuck"
on the 2 lines over the st. & flying
to under oak canopy to McElm low
& out of sight
22 May 9 am still flights to & from the
(?) nest site and periodic loud calls.
25 May 3 pm went to car, robins next door
at street calling "chip" loudly — a cat on the
steps — robins in a dense Pittos. overhead.
28 May 7:50 pm several singles flew over
today & now one in top of up st. cedar. The
local pair still low & perches on lines over
st., but not to dum sycamore pole. Also
seen no evidence of young.
29 May 11:20 pm ♀ (wing accents) on lawn
across st.; ♂ on line & down to the newly
dug up dirt in my yard at st. level.
Still no sign of young.
31 May For the last 2 a.m. robins started
singing at 4:45 ± & continued til dawn.
4:15 pm 2 flew up into top of V.elm from N
30 sec. then one (a ♂) flew at other (5')
& both flew N E - call "cheep" sharp repeated
8:43 almost dark, one robin singing.
6 June 12:10 pm fog; ♂ on line 3' from
a dove & 2½' from house looked about
& looked down & lots of "chip" or "check" calls
— no doubt a cat on front porch.
7 June robins singing at 4:25 am fog
& at 8:20; ♂ on line & under elms. 3:06 pm
♀ (wing bar) on lawn across st. ♂ has been
about and very little calling now.

Christman
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8 June, del Norte st. Berkeley, alameda co., calif.
3:58 pm a juv. robin – first I've seen this year from oak to utility line 12' from house, made a simple "peeks" call then flew into Pittos.
13 June ♀ on line over st. at 10 am. One singing close by (N) at 10:25 am clear. haven't seen juv. today or lately.
14 June 10:16 am ♂ in top of NW elm; no lace today ♀ wing bar under canopy in oak at sp.; 6:50 one singing
15 June fog – some singing in dark not many. 11:15 am one in top of up st cedar – first today – a ♂?. Flew W. 11:20 now one in top of NW elm.
17 June 9 am clear robin singing briefly.
22 June 8:50 am ♂ on 2" branch in oak under canopy, preening. Robins sang this a.m. in dark, stopped by light.
24 June 11:14 am several times this a.m. ♂ on line over st. & flying under elms.
25 June 8:32 am ♂ at street level on concrete with a big larvae. Robins under elms now 10:56 am 2 robins on gravel roof of house 100 yds W – a ♂ running to a reluctant ♀ (not the local pair – ♀ not the one that has been in front yard with no secondary coverts). ♂ tried to mount ♀ a half dozen times. She wouldn't stand still — first time I've seen attempted copulation in robins.
26 June 8:30 am fog. ♀ (wing covert) on line over street. & ♂ on line & on top of utility pole across the st. one or 2 bouts of singing 9:59 ♂ 5' from utility on line – 2 perches for ±1 minute

26 June, Ed Nodle St., Berkeley, Alameda Co., Cal.
then flew S. 30 sec. more one flew N from S, then another from S into top of NW elm
27 June 9:22 am ♀ on lawn across st., ♂ & ♀ on lines, etc. under the elms this a.m.
30 June 5 am robins singing, stopped at first light. ♂ among large branches in oak under canopy. ♀ on street earlier so the spring pattern - under trees & on ground. 8 am have twice seen ♂ fly from under elms to NW lot beside oak then between houses to S. both times carrying a white object - a fecal pellet?
1 July 3:14 pm clear - ♂ to top of utility pole across st. It had something in its bill the same color as the bill - only larger say 3/8" x 1" flew down into ivy on pole 6 ±' - couldn't see - its obscured by oak Both birds (?) flying into said ivy 8-10' below top of pole. Are they feeding young? a second brood?
4 July 10:23 am ♂ on line over St for a minute before flying S over St - to where? Its yellow bill completely obscured by a dark mass of - food?
5 July awake at 5 am no robins singing - 6 am one "tuking." 11:25 am Was out for an hour & on returning my cat "Dse's" was on steps & above in oak a robin calling loudly: a sharp high "cheep, cheep" or cheep, tuck" former is more frequent.

16 July, del Norte St., Berkeley, Alameda Co., CA
10:05 am on ~~ledge~~ ledge an molting juv. robin - dull red breast yellow at posterior gape whitish throat back & wings ok - head with much replacement going on - look about 45 sec. flew S into cedar.
17 July 5 am - 6 am no robin singing, nor in past week. also of late have seen robins flying from S & SE with yellow material in bill - then found a small 1" fruit which a robin presumably dropped on the front porch. a plum tree in yard to S, but can't see much of it from my yard.
18 July few calls, no singing, 2 flying from NW to S and back. They are not seen as much now as seen a week ago.
21 July 8:45 am juv. red breast with spots, light areas on side of head, light buffy streaks on back on line near (6") from oak - flew N low. at 5:30 - 6 am this am a robin "tuck" & "cheap" calls. No singing.
7 aug seen no robins in am; nor calls.
19 aug 11:14 am fog from any of W 2 - one to E, other landed briefly in top of up st cedar. These are first robins I've seen lately. When does high perch behavior start — i.e. winter behavior
22 aug 10:11 am fog, 2 mid level NW elm and one in top of up st. cedar briefly

23 aug., del Norte St. Berkeley, Alameda Co.
10:27 am fog - broken sun - one in top of up st cedar. Not many about.
26 aug 11:11 am fog one in top of NW elm briefly - first dove seen of late. It had a short tail — molt? 7:54 pm partial fog 2 from NW to SE no calls.
28 aug 10:58 am - one flew NW-SE just over tops of trees. Robins not evident at all now
3 Sept 10:12 am one dull one from NW elm into S. elm 8' from top.
7 Sept. 9:36 am one from S to NW elm lit 10' from top. a ♂. Then another onto branch high in near cedar - molting on head - ♀? flew down to trees across street to ld. The latter bird flew up to within 3' of other (♂) in NW elm - both resting loafing
8 Sept 8:22 am fog 2 from E to top of up st cedar
9 Sept 12:16 pm clearing; 4 out of W 50' above tree level. One landed in top of up st cedar; 2 flaired down then up into the near cedar; one continued to E. Is this the first of the winter influx?
12:48 pm one in very top of up st cedar for 30 sec
7:34 pm well after sundown 3 from NW to SE no calls
12 Sept 10:06 am one about top of NW elm.
14 Sept a.m - several near cedar & elms flying between trees & over. a few "tucks" some early a.m.
7:11 pm of to W. somewhere an abbreviated "rain song", sun down, fog approaching - more songs - wonderfully full bodied.,
7:18 = e'-ee'-c'é suddenly robin noises
15 Sept 9:30 am 1 top of up st elm prominent perch.

15 Sept., del Norte St., Berkeley, Alameda Co., CA
6:33 pm watching briefly a cooper hawk in top of up st cedar & about 8-10 robins flew to SE behind the tree.
17 Sept 7 am cloudy 2 flew into top of up st cedar for a minute +. 10:01 am light rain & wind 3 in top of up st cedar!
18 Sept 4:29 pm clouds - one to top of NE elm
19 Sept 9:27 am has been one in top of up st. cedar several times. one "tucking" loudly close in but can't see it. when do the winter flocks arrive?
25 Sept 9 am 2 flew 35 yds apart well over the elms to NE. Robins not much in evidence. 10 am one 30' from top of NE elm - the breast is light as head with spots on the throat — a juv? Three others flew by.
28 Sept 9:55 am fog - 3 in top of ~~NE~~ up st cedar.
29 Sept 9:09 am 3 in top 4' of up st. cedar no concentrations nor "flights" of robins yet even tho it seems winterish with clouds & the rain last night.
2 Oct 9:47 am 3 in top up st. cedar +1 flying about. Have heard some "tuck" calls
4 Oct 8:40 am clear total of 5, separately, in top of up st cedar & NE elm. "che-e-e-e" call
6 Oct 12:15 pm 2 flying under & thru NE elm one landed on 8" trunk & hopped up branch
10 Oct 9:36 am fog, 2 singletons have flown over. 9:45 am one in top of up st cedar, also scrub jay 8' away. 12:49 pm clear 3 from up st elms into near cedar.
11 Oct 8:40 am 1 then 2 in top of NE elm. off & on all day one in top of up st cedar

13 Oct. Del Norte, Berkeley, Alameda Co., Calif
9am scattered fog. 9am + 1, 2 or 3 in tops of up st cedar & elms, E-e-e calls, more flying about at tree top level & none lower as in spring.
14 Oct 2:29pm fog 3 into top of up st cedar
16 Oct 8:26 one flew over, another briefly in top of up st cedar 8:45am thought I heard a robin singing!
17 Oct clear, 9:45 am. There has been a robin in top of NW elm or up st cedar off & on almost all morning.
21 Oct 10:37am light rain – 3; 2 in W. elm & one up st earlier. Now 3 flew to E with a breeze. 10:50am, 15 in a broad flock from N to S. This is first winter type "Flight". rain stopped 11am. mixed clouds till when it opened a bit some huge cumuli to N no wind 63°F in front in shade.
23 Oct light rain off & on in a.m. 1 or 2 in tops of up st cedar or NW elm.
24 Oct 9:58am clouds a broad flight of 15+ robins (40 yds across) with small flocks of 12+ C. waxwings from N to S. 12:14, 5 or 6 first in top of up st. elms, then flying through & under the elms, one chasing another and heard one singing – a not very typical song. 1:05pm 3 across st one on lawn, one in street & other on sidewalk
25 Oct 9am one 5' from top of up st. cedar a scrub J. 3' higher – J. flew first. Only 4 this a.m. seen
13 Nov one robin singing "rain song" in near cedar at 9:36 am in fog-drizzle.
10:15 am 5± top of up st cedar – first on high perches this am

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14 Nov, ~~Old Route St, Berkeley, Alameda Co, Calif~~
10:15 am almost clear from fog - first of am in top of up st. cedar - one.
17 Nov one singing briefly off to N afternoon
21 Nov 10:15 am 1 with 3 doves near top of NW elm. Have only seen one or 2 per day lately. 1:02 pm one singing off to NW - none in evidence.
23 Nov 7:30 am robins "tucking" nearly. 10:51 am one in top of NW elm - only one in am
24 Nov 4 pm a strung out & disjoint flock of waxwings & ½ doz. ? robins from NW.
27 Nov 10:30 am. only 2 seen so this am = now 1 top up st cedar; at 9 one top NW elm.
4 Dec 9:55 am a long open flight of 20+ from NW to NE - is this the first "winter flock"? Only have seen individuals so far this fall.
7 Dec seen 2 singles this am top NW elm & on line at circle, then to top up st. cedar. Just hasn't been many around. A storm is in Oregon & due N part of coast tomorrow - see if that brings flocks in. 10:54 am one has been top up st cedar for 5 minutes.
9 Dec noon, one in Photinia & branch of oak 10' in front (up above ground i.e.) no other seen today.
24 Dec have seen almost none lately; full light - 7 am ± one "tucking" nearby. 9:45 am one on top utility pole at circle & another briefly on top up st. cedar.
28 Dec. 10 am clear windy 2 flying with small flock of waxwings - they turned back & alit on top of up st cedar.

1 Jan., del Norte St., Berkeley, alameda Co., calif.
11:27 am overcast after rain - one singing in near cedar. Were 2 in up st. ~~cd~~ cedar at 11 am. in top.
8 Jan Today & last several no robin flocks & only one at a time in tops of elms.
9 Jan 7:15 am one singing down block with "tucks" closer. all this after dawn.
10 Jan cloudy - breezy - 8 am 3 in NW elm near top. 8:46 - flock of 5 almost tight formation. at dawn 7 am one singing. 8:53 am one in top up st. cedar & another top of NW elm - 9:14 on a 100 yd. across front 40+ robins out of NW to SE well over tops of trees. THIS
★ IS the first "invasion" of true winter robins
13 Jan one sang briefly about 8 am.
15 Jan 7:15 am light - 3 robins singing close by.
19 Jan more robin singing at dawn - after 7 am, 9:30+ about 15±, 50-100 yds apart rather high from N to S. more strung out than most winter "flocks." 10:43 am, now a bit of a breeze - a broad fronted disorganized flock of 25+ low, lounging, to NW joined by a flock of 15+ waxwings. Now this is a typical winter flock!
22 Jan. 9:45 flock of 12± from NW into top NW elm & upst cedar; flew to E. eee calls - periodic flights of a few birds from S & W. Some singing now. This seems to be a dry low pressure system going thru, to 11:30 about 15 in elms & flying with waxwings to cotoneasters next door in flocks. At 11:42

22 Jan, delNorte St., Berkeley, Alameda CA
am. no robins to be seen. 12:05 pm
20+ flying low between trees to S.
waxwing moving around. This is about
first typical winter Robin-waxwing
feeding behavior.
23 Jan 7:15 am first light 15 ± min. ago
— one robin singing blocks away to S.
Then one chase calls & short song.
Yesterday robins in 1 or 2's.
27 Jan. an extra 5+ flying about neighbor-
hood. 10:30 am 4 in top NW elm; a little
singing. Now is time for prominent perch
syndrome.
28 Jan singing at day light — 8 am. a chase
— 2 in up St. elms. 9:45 a ♂ has been
in top of up St. elm Then ♀ 15' away.
Robins in ones & two's, so far this am.
29 Jan 6:20 am still dark - one robin singing
7 am overcast/clouds several singing.
8:30 4 to 6 high in elms. same flying about
"typical winter flocking pattern" - is now
in effect. Robins high in trees, especially
elms — 1 to 6, plus. broad open flocks
of robins flying overhead. "Rain Songs"
flocks of waxwings joining robin in
flying about & perching, but are more
restless. don't perch as long as robins
— this is part of the "Berry flow feeding
frenzie". SEE WAXWING Acct ★
10 am about 20 remaining in elms —
then all flew S. 10:04 1 in most W
elm up the street.
30 Jan after rain, 8:44 am in 1 & 2's top of elms, etc

30 Jan., del Norte St., Berkeley, Alameda Co., Calif.
9:08 - 9:16 am first robins coming in to all the elms about - top 10'. about 30. Then small flocks (up to 10) waxwings. both sp. flying down to area across st. out of view from my station, much calling & some singing. 10:20 a.m. quite suddenly all robins & waxwings gone! 3:23 pm just before a shower started robin flew into oak up undercanopy. One high in W elm punched up
31 Jan. 8:30 am. about 15-20 in top of elms across & up st. have slowly flown down ? to feed ? across st. Then a flock of 12 waxwings into NW elm. In this case robins first. 8:21 waxwings flew N. Robins still down feeding. 8:58 a.m. robins feeding - ? - have not returned to elms to digest & shit. where have they gone? no indication; must have been 30+ they kept coming in to area in 1 & 2's. Some singing now also at dawn - none before or at 7:30; but singing at light - 8 am ±. 4:25 about 30 in ten top 10' of all elms. Much flying off & others coming in. Some singing. 4:40 pm about 20 in NW elm & others. a flock from NW - very dispersed from NW & all but 4 followed. 6 remaining
1 Feb. 10:15 am. robins have been gathering for 1/2 hr. - about 30 + now & several small flocks of waxwings in. Some singing. Much flying back & forth all directions, but focus as yesterday across street.

Turdus mig.

1 Feb., del Norte St., Berkeley, Alameda Co., calif 10:31 am. Saw a few robins to pyracantha next to side walk up st. and a few waxwings — today robins seem to be dominant in numbers & first to congregate, waxwings followed in greatly lesser numbers. More robins & waxwings in waves.

2 Feb 3:11 pm cirrus coming in. Robins have been scarce today. Several flying over & maybe some loners in trees briefly. Saw one sang briefly. — the "Rain song."

3 Feb see Journal 10 am none around then a broad, deep flight out of W to E & NE with several flocks of waxwings 10 to 20 +. SEE "unident. hawk" Acct. 10:23 another small flight of robins — 30+ with a few waxwings.

5 Feb 10:45 am a big black headed ♂ at corner of ledge, then hopped down to ~~the~~ small shallow puddle & drank, (bill full & tilted head up) then flew S. So far today a little singing at dawn, 1 & 2's in tops of trees and at 8:30 am several small flights from W.

7 Feb 10:19 a.m. a large mixed flock of robins & about 80 waxwings out of the NW & rather high. One flock & waxwings in a fairly tight flock considering how large a group — they turned to W. Robins continued S, with 3 in top part of ~~the~~ dp st cedar, but all under cover in & shade!

8 Feb., del norte st. Berkeley, alameda co., CA
9:19 am a loose robin flight of 15+ only several on high perches so far today. 9:32 am sun & clouds behind. 9 in top of up st cedar, 8" to 18" apart. 9:40 very cloudy, no sun. one singing. only 2 in cedar now. a broad flight from N of robins & a few waxwings, to S & SE. small 7-10 flocks of the latter. 9:44 2 flights from NW of 10-15 each, leaving now 2 in cedar.
10 Feb 4:37 pm one in top of up st. elm. There was a brief flurry of activity of 2-3's about 9 am then then rare singletons.
11 Feb 6:15 am well before sunrise, but a full moon. a robin singing in the "dark" off to w. another closer sang after daylight. Few seen all day until 3:52 2 high in NW elm; 3 flew over from W earlier. Storm approaching.
12 Feb 3:30 only 3 or 4 flights of Robins today = 6, -25, 25± all long; a few 1 or 2's in tops of trees.
14 Feb only a few robins about yesterday more wind today. several individuals in tops of elms & cedar. 10:56 am one long strung out flight, rather low of 20. a loner in top of NW elm didn't join them. about 3 a few to pyracantha near sidewalk up - was busy - don't know if were wings.
15 Feb. 8:15 am Hazy cold - lots of robin talk several in elms - a few flying about, slowly more come in in 1 & 2's into elms until about 20 - 25 some flew down to pyracantha

15 Feb., Del Norte St., Berkeley, Alameda Co., Calif. by 10 waxwings came in also but not more than about 30. By 11 the number decreased abruptly to zero - about noon more robins came into the line of elms. SEE Waxwing acct

17 Feb. heavy rain early, 1 pm some blue 10 in top of up st. cedar at 10 am, so far no flights - 1:31 a flight of 35+; 150 yds deep & 35 yds wide with waxwings also - to SE 2:30 a very broad flight - 35+ from W to NE

20 Feb 8:35 a.m. - 1 in top NW elm singing 11:15 am with overcast 1-3 robins per tree all a.m. - bouts of loud singing at times. Some chasing thru trees. 11:25 over 100 in neighborhood trees - 30 in elms up St. Sing & flying back & forth. By noon no robins about.

22 Feb SEE WAXWING Acct Feeding

24 Feb in ones & 2's in last several days

25 Feb robins singing at first light ± 6:20 am 9 a.m. few small flights of less than 10, but mainly 2's & 3's; most to N. singles in tops of trees; some singing. 10:15 am robins (20±) in elms up St. & flying down to W. & back. So far no waxwings.

27 Feb. yesterday few robins about. This a.m. at 6:15 robins, several, singing at first light in fog. to 8:45 several in top of up st. cedar. and several very dispersed flights of 25± with waxwings flew over most to W NW, medium height.

28 Feb 9:40 am fog. one brief flight 15± flew in tops of cedar & up st. elms - few minutes

Christmas 1990 Turdus mig.

4 Mar., del Norte St. Berkeley, Alameda Co., CA practically none about today (3:49pm), mass on Solano Ave. at 3pm a big flight to W.

9 Mar several singing before 6am as sky first lightened up. Then one real close singing loudly at 6:30. 1 in top of up st. cedar several times before 9am. In last hour 2 in top of NW elm – same bird? brief. 4:05 one sang briefly

10 Mar only singles - 3 - seen today in rain to ... 5:20 pm 1 NW elm hi

11 Mar 5:43am full moon going down – one close by with loud E-E-E calls until full light only one song further away

15 Mar 5:38am first one called, which continued – for 15 minutes ± mainly tusk calls. One song far in distance to 10am only about 2 singles seen

16 Mar. 5:08 am first robin E-E-E call, continues. 5:18 first song before dawn – (full moon last Sunday, the 11th) This is the spring pattern 9:37 one 10' from top of NW elm, then to top, at! 10:08 1 top upst cedar – new pattern here.

17 Mar 5:18 am some "tucks" in distance. To 6:30 – no singing. 8:43 am 1 in top NW elm for 15 min. 9:05 flew.

18 Mar. E call at 5:07; a few songs after 5:14. At 8:18 one 10' from top of NW elm on N side. Fog 8:54 am 1 top NW elm; 3 top up st. elm a few songs.

19 Mar 10:33 am 3 top up st cedar & 1 top up st. elm. 3:34 pm 1 top NW elm for some time.

20 Mar 8:48 am at least 2 individuals

Turdus mig.

20 Mar., del Norte St., Berkeley, Alameda Co., CA
have been in tops of elms & up st.
cedar. No flocks for some time.
21 Mar. 8:28 am small flock (8±) low
over house & into up st elms, 2 high.
This is first flock in some time. 8:29
all flew off to NW, rather high. 3:56 2 in
top of up st. cedar briefly.
22 Mar. off & on 2 — 3:30 am (!) a robin
nearby gave "E-E-E" call & ~~after~~ 5
am sang in the dark.
23 Mar. one singing in dark at 4:26 &
off & on to 6:30.
24 Mar 9:02 am. fog. a flight of over 50
robins out of N & turned E in front of
me & turned E — 125 yds broad. and
about 20 cedar Waxwings — well over
tops of trees 9:04 3 in top of ~~the~~ up st
cedar, 1 top of Ncd elm. Some singing.
This am - about 4:23 the first robin
began to sing.
26 Mar saw 2 today - one top up st cedar
27 Mar 8:35 am ni seen - 2 in top of ~~upper~~
NW elm.
28 Mar. first robin singing 4:21 in dark
continued until dawn. 8:10 2 top up st
cedar.
29 Mar robin singing at 4:32 am.
3 apr 5:17 am DST first singing 8:52
one ♂ has been in NW day, high various
branches. 4:12 pm one singing closely -
4:15 1 flew rather low to N, below oak level then
a dull W added on from S high into NW elm, then E
4:35 pm ♂ 10' from top of NW elm.

4 Mar., Delmarte St., Berkeley, Alameda Co. CA
9:04 am fog. 1 top NW elm. alls quiet
10am one top up st. cedar where a T just
flew from & another briefly top NW elm.
10:49 1 top up st. cedar 10:54 flew (-?) -
5 Apr. 10:29 am 1 top of up st. cedar, another
in various places in elms to W-NW, up
& across street. So far today 1 flock
out of W — 5 or 6 - one or 2 high in trees.
at 6 a.m. lots singing in dark. also
about 1 am a loud excited E-E-E
call. Some high perching; not as many R.
6 Apr 11:42 am 1 flew from lower NW elm into
ivy near top of utility pole across st where
a pair nested last yr. In a minute flew to
heavy branches of 2nd elm Then a chase of
2 from that tree to N lawn under branches
11:47 am 1 top up st. cedar from NW.
7 Apr 9:14 am 1 top up st cedar; 1 min. flew down to N.
10:07 am dullheaded R. on utility line adjacent
to NW elm 30'+ over street. flew up into
S part of NW elm 15' — another R in tree.
Much singing at 5 a.m. this a.m.
8 apr. 9:48 am one has been flying under
the elms from branch to branch, perhaps
2 - ? 11:21 am saw what may have been
a copulation on steps near lawn to N
w. both flew off.
10 apr. 8:42 am 1 in high part of up st elm &
another flew toward near cedar from SW, former
bird flew in its direction. Much singing at 5 am
full moon & at 8 am.
11 apr 8:30 am this a.m. - 1 top up st cedar
& 2 SE over tops of trees.

Christmas
1990

Turdus mig.

11 apr., del norte st, berkeley alameda co., calif only 1's in tall spots: near cedar up st elms 3:55 pm one singing real close. 7:04 bright sunrise dawn, 1 top up st cedar
12 apr. 10:45 am not much in evidence. 10:44 1 from SE high into NW elm for a minute then to NW, dark head but not black. 10:54 one preening NW elm 4' from top — ♀? 1:59 pm 1 singing map laundry near by — ? where ? not obvious today. 3:08 pm 1 in top up st cedar, another 8' down. Top 1 flew N followed by other.
13 apr. 8:34 am — singing close by. again much singing before dawn 7:10 on across a burst of singing & E-E-E calls. very occasional robins today, numbers greatly —.
14 apr. 11:45 a robin on side walk in front — this is a summer pattern. 12:09 ♂ on a utility line over the st. — 45' height; flew S. The numbers of robins has decreased dramatically in 2 or 3 weeks.
15 Apr. 5:50 am lots of robins singing 8:41 ♀ on line 50' WNW over street, ♂ on line 20' away.
16 apr. 11:50 am the only obvious one was on a main branch of oak 20' + up & well under canopy — the breeding season regime. 4:13 one on horizontal branch in mod w of up st elms 60' up, 30' below top.
17 apr. 9:07 am overcast. first robin seen flying under elms up st. "tuck" calls
18 apr. 9:38 am fog — one (?) or single flying out once in white at mid level of elms.

Christmas
1990

Turdus mig.

18 apr., del Norte st., Berkeley, Alameda Co., CA.
9:41 ♂ on line 4' from ivy covered utility pole across st. flew down to st.?
20 apr. 11:45 a.m one low from S. 50' up into up st. elm. another from SW flew into elm big chase. One flew SW; other flew over house & returned to up st. elm. Very little robin activity except this am 5am + singing & after sunrise.
21 apr. 1pm fog one to top up st cedar & that has been it in a.m. except before 6 all singing was at a distance & after 6 a.m. one sang for 10 min. real close. Many unknowns about the singing routine.
22 apr. cloudy 12:37 pm ♂ flew from low N to high in cedar, 2 min. then low thru elms to top of up st. cedar. Very little robin activity today.
23 apr. 9:58 am Experiment with ♂ robin model. There has been a ♂ about & a ♀ briefly. I can't figure out what is going on — at this time of year territory should be established. The one in neighborhood is both the high perch syndrome & low under elm routine. So to test territoriality I put the dead Rhododendron branch (5' tall & 4' wide set in concrete block) in front of w. studio window & put in a prominent spot a life size model of a black headed ♂ robin. 10:23 1 on top utility pole at the circle.
24 apr. have seen only several singles — up st cedar

[illegible]

26 apr., old Waste St. Berkeley, Alameda Co. CA
11:22 am first today 2 fast from NW elm below oak height. 1:27 ♂ on lawn across st.
27 apr 8:48 1 briefly top up st cedar.
28 apr 9:15 am 1 on sidewalk running about picking something up - larvae from oaks - ? dts a ♂ flew to oaks NW with E-E-E call 9:31 ♂ high in near cedar in several sites 80' up +.
3 pm 1 in NW elm high - suddenly it chased another half way to near elm then back - joined by another (?♀)
29 apr 9:44 am what appears to be a robin chasing a Scrub Jay from SE into Pittos - robin swooping over the tree to E. 1:17 one flew up into lower part of NW elm from lawn across st. believe to be a ♂.
30 apr 9:38 am ♂ under elms from N lawn to line by house up st. No robins in high places today - under elms. 9:44 ♂ corner of house up st. 20' up. Have not seen a robin in my yard lately.
1 May 8:18 1 flew up to line under NW elm 15' from pole across st.
2 May 10:15 1 on line 5' from pole at circle
3:43 pm 1 from SE to top up st. cedar.
3 May I can't see them! The leafy elms - they fly thru & make short flights across st to N -
5 May singing at 6:30 am & at 11:+ am
9 May 1 on line 70 yds W at 8:10 first good view of robin in days. They are here tho.
10 May 2 singing in distance at 5 am

Christman
1990 Turdus mig 60

10 May, del Norte St., Berkeley, Alameda Co., Calif
7:50 am ♀ on sidewalk in front house.
3:33 ♂ S under elms to peak of roof
across st. — must be nesting N of street
12 May 11:45 am ♂ on line, over street & under NW elm
13 May 9:31 am ♂ on line over street — think it dropped a fecal sac.
15 May 7:54 am 1♂ top up st cedar.
16 May 9:05 fog; ♂ top up st cedar.
[singing at 5 am] 2 from E - one a ♂, landed on line over house up st (S). 4:46 ♂ on ridge of house across st.
19 May 9:05 ♂ on line over house to W. On Colusa st earlier several on lawns.
11:22 am 1 top up st. cedar. 11:24 dropped down — into elm? (S of cedar).
22 May 2:24 pm 1 singing real close. 2:56 pm 1 top up st cedar.
23 May 8:46 am 1 top NW elm on section of top limb with no leaves (? tos)
24 May 9:14 am one singing fairly closely
3:05 1 peak of house across st, flew N under elms. Several times today singletons flying over elms — wanderers? I suspect a bad year for robins, i.e. reproduction.
5:54: 1 singing loudly.
25 May at least one singing at 4:36 am for half an hour. by 5:30 am three were singing.
26 May 3:41 one singing to NW
28 May 10:54 am ♂ on line under NW elm & over the street. about town = robins on lawns, as singles or with towhees & H. finches

[illegible]

[illegible]

Turdus mig.

28 May, Ed monte St., Berkeley, Alameda Co., Calif
10:57 am ♀ on line adjacent & under oak
wiped bill, flew N. closer in mouths.
Singing this a.m. early.
29 May 12:43 pm breezy, 1 top pole at circle.
1:28 pm 1 from N onto 4" limb high in cedar.
Then 2 - 50 yds apart from SW to NE well
over trees   same bird ?
30 May 3:33 pm 1 top up st cedar & one singing
1 June 7:13 pm 2 ♂ fighting on line near
ivy covered pole across st.; one singing
2 June 4:30 & 5:52 Robins singing; also at 4:32 am
4 June 10:56 am 1 top pole at circle
5 June 8:37 am 1 from S to top up st cedar.
12:50 pm 1 flew under elm.
6 June 5 am one singing in distance
5:45 one singing closer.
7 June Robins sing in distance, in dark
starting 4:47 to 5:10 am, at least 3. None
close. No singing at light 5:30. Then 5:43
1 close just a little-
9 June 10:27 am from N ♀ onto 2" limb 8' from
top of W elm 11:46 am a ♂ in E side park 20'
up hopping branch to branch in the canopy.
flew down to yard. 11:51 am 1 singing close.
10 June 9:30 am 1 singing close by - to NW. 9:32 am
1 top up st cedar - ♂ on line over st 10:10 (& earlier).
flew into oaks under canopy. 10:30 1 top pole
at circle, another on line 25' below it, both
flew low to NW. Is pairing-nesting still
going on? Second broods.
11 June 9:08 am 1 ♂ displaced B. towhee in top
of up st cedar. Singing at 4:39 this am
only one in distance.

Christmas
1990

Turdus mig

12 June, old Marte St. Berkeley, Alameda Co., CA
8:33 am 1 flew to Nw & 1 singing close by.
Noon - one sing close to Nw. There
has been several in top of up st cedar
this am. and several 2's flying
over. Also, singles under elms &
on the ground. Strange situation -
14 June 8:56am 1 in N side of oak, - 1 minute.
9:54 1 top of up st cedar singing.
18 June 1 song in distance at 5am. 10:11 am
1 top of up st. cedar & a brief song. 12:50
pm clearing, 1 top up st cedar, same singing
and 2 flew N at tree level.
19 June 8:31 am 1 top of utility pole at circle
& heard a brief song. 9:02 1 from S-lawn
flew up to top of up st. cedar - singing.
20 June 5 am several singing in distance.
22 June 5 a.m. 1 sing in distance.
25 June 9:50 am 1 singing. 7:38pm singing
to S & to E. isn't this late in season?
26 June 10:38 am 1 top up st cedar.
27 June 1 song in distance at 5 am. & one
closer singing at 10:43 am to NE; flew N.
28 June 7:30 am ♂ running about on st.
in front of house.
30 June 10 am brief song. 11:10 am another, or
same bird, on top up st. cedar
1 July 10 am 1 ♂ top of up st cedar twice this a.m.
2 July 9:51 am 1 top up st cedar, singing, ♂
3 July 8:12 am 1 top " " ". 9:43 1 singing Nw
6 July 9:39 am clear; ♂ from Nw dir flew
SE thru upper branches of oak & either
deficated or dropped a fecal sac 6' E of
oak; continued low to SE. Ranching?

christman
1990

Turdus mig.

7 July, Selborne St., Berkeley, Alameda co., cal.
10:34 am 1 flew below top of oak 15' in front of me from SE to NW - to N of NW elm
3:28 pm 1 singing close.
10 July 5:15 am 1 singing in distance. 6:45 am lots of robin "tucks" close-in. 11:20 am 1 top up st cedar - singing.
12 July 5:10 am cloud cover 1 sing in distance.
13 July 10:19 am lots of 'tucking' to NW. big oak -? This sp. not conspicuous now; do fly by low over house & elms. 10:22 lots more calling
10:40 ♂ top of utility pole at circle & singing!
3:23 pm off & on robin continues to sing.
16 July 10:46 am fog & breezes. 1 top of up st cedar. one (a ♀) with heavy breast molt was in mid part of NW elm earlier. Also much "tucking" earlier. 12:06 pm 1 singing close in.
18 July 9:12 am 2 flying about over elms, 1 landed top of up st. elm. also 1 has been flying SE, low from N of NW elm then over houses. Returns & appears to fly thru mid-section of NW elm.
20 July 11:15 am 1 from SE to top of NW elm - it is missing its tail or very short - not as long as wing tips. 11:25 am "No tail" to SE from NW elm over trees, direct & fast. Think its a blackheaded ♂.
25 July twice in a.m. tail tailless one flew from low in(?) NW elm to ~~SE~~ SE. No singing in a.m. in past week, but "tucks".
28 July 10:24 am 1 top of up st cedar
"no singing this am early"
11 aug 1 "tucking" briefly at 7 am no others ~~now~~ not seen

[illegible]

11 aug., del norte st., Berkeley, alameda co., cal.
in past weeks rarely seen - perhaps
1 flying over or on a lawn else-
where.
23 aug 6:30 am loud 'tucks' & 'e-e-e' call.
non- in usual evidence of late.
25 aug 10:08 am 1 from W to top N. elm - in heavy
molt, esp. tail! which is very short. Flew
27 aug 9:08 am 1 from SE low over house
to near top of up st. cedar
4 Sept 8 am fog 2 on utility lines on
Colusa St 1/2 mi SW of house. 9:05 am
1 top utility pole at circle. 9:18 1 briefly top
up st cedar.
7 Sept a few "tucks" at dawn. 9:56 am 1 top
of up st. cedar. slightly more evident
now. post-breeding exodus.
8 Sept 9 am 3 on lawn at N. Berk. library
13 Sept at 5 am & 11:15 from near the
e-e-e call. don't see any.
14 Sept 10:40 am so far seen 2 flying E this am.
4:49 one in top up st cedar. when does the
late fall-winter gestalt start? 4:56
still there!
15 Sept 9:36 am clear 2 flying N rather hi.
18 Sept 10:20 am 1 top up st cedar briefly
23 Sept 9:48 am scattered clouds, 1 thrushlike
from S to top of up st cedar, briefly - rain
last night. 9:58 am 1 S. to N. rather high.
busy all day - 4:42 pm fairly clear, some
high cirrus = 80°F.
24 Sept 9:23 am 2 in top of up st. cedar
28 Sept 9:53 am 3, flying high out of N to
S. (yesterday saw 3 on lawn 1/2 mi S.)

Christmas
1990 Turdus m.

28 Sept. del Norte St., Berkeley, Alameda Co., CA.
10:35 am 1 near top up st cedar, e-e-eq call 10:37 flew high to NE.
29 Sept. 10:23 am 1 flew up into cedar from near NW. 1 call early in a.m.
9 Oct 8:40 am a flight of 9 robins to N, rather high & strung out. First of Fall.
9:53 am 1 near top NW elm.
12 Oct 9:08 am clear, 1 top of up st cedar (♀?).
9:48 another 1, top up st cedar. 9:50 flew WSW.
13 Oct 8:53 am 1 flew from S to top up st cedar,
14 Oct 9:20 am clear, 1 top utility pole at circle.
3:50 pm flock of 10-12 to W; wide, strung out.
15 Oct 9:53 am 1 top up st cedar, another flew by from NW, so both flew SE, high
18 Oct. 8:46 2 in top up st cedar, cloudy,
25 Oct. 8 am ± a robin close in, in fog, gave afew "tuck" notes; then short phrases of song - not held together & not a mockingbird. This is first song of fall-winter.
13 Nov. 3:36 pm storm approaching. 3 mid height from W turned N, 1 landed top up st cedar
14 Nov 2:10 pm first today 1 to top NW elm
16 Nov 4:05 pm overcast 1 to top NW elm, first of day
17 Nov 7:30 am 4 or 5 in top 1/5 of NW elm, no calls
20 Nov 4:38 pm 1 to top up st cedar - first robin today
28 Nov 2:18 pm 1 briefly top up st cedar bright sun.
still few robins almost entirely as singles
2 Dec 8 am clear 2 chasing in NW elm, high.
next 1 = 10:24 1 top of up st cedar
3 Dec overcast 9:30 1 top up st cedar; at 8 am 1 near top of NW elm. Singles now, not flocks

1990-91 Turdus mig.

3 Dec, Del Norte St, Berkeley, Alameda Co., Calif.
10:45 am 1 near top of W. elm.
4 Dec 11:50 am 1 - 3' from top of NW elm
11:57 flew - ? where N?
7 Dec 8:39 am 1 near (3') top of up-st cedar where a scrub J. is perched.
10 Dec flock of ± 30 out of NW to SW at tree top level, spread out 10-20' between individuals, a bit erratic flight & fast. Overcast - first winter flock?
10:29 am "; burst upon flock to 10 to N with 1 flock of 18± tight near cump flying amongst robins.
11 Dec 9:52 am overcast - 2 near top NW elm.
19 Dec 9:49 am cloudy. 7 flocks of 15± from S to S, 30' above trees, one landed in top of up st cedar.
1 Jan 91 in last several weeks only 1 robin at a time & at most 1 a day! 12:15 pm 1 on line briefly then into oak - first time in ages! 12:45 1 high in W. elm - flipped tail exaggerated posture & movements. 1:14 from NW, low into middle of oak.
2 Jan 11:14 am 1 top of NW elm for several min., some tail-wing flips, drooping wings - flew down to NW. 3:40 back in top NW elm
3 Jan. 8:46 am 1 top NW elm. 9:07 now 1 on horizontal branch S side of elm up st. 9:34 am 1 near top NW elm + 3 house finches. 10:24 am 2 on lines at circle 40' apart one 45' up the 60'
10:29 they changed positions 25' apart on lower lines.
12:06 1 top up st elm 15' from J. 12:08 The first robin song - the one in elm? another flew by lower. 12:40 1 in top up st cedar, it was replaced

Turdus mig.

3 Jan, del norte st., Berkeley, alameda co. calif
by another (first flew S lawn) after 1/2 min. - it
followed first. 4pm - most of afternoon
has been 1 or 2 in elms periodically.

4 Jan. 9:38 am 2 into top of up st cedar
9:47 - 1 still up there. 9:49 - it flew SE, 10:31 1 in
NW elm high

5 Jan 11:35 a.m. 1 in top NW elm, flew 8' to another
perch - still highest branch. After ~~tuck~~
~~several~~ e-e-e's & tucks - first of these in
same time - 3:59 pm 1 from E to NW elm, 10'
from top, then another from S lawn into
mid part NW elm 4pm both gone.

6 Jan 9 - 9:30 am 1 high in NW elm 4' feet
from scrub J Rt G., off & on 1 high in this elm
9:35 2 in top up st. cedar 24" apart. 4:06
overcast 1 in top NW elm; flew down to S, Pittos?

7 Jan 11:26 am overcast, recent rain, 1 perched
on 1/2" branch + 45° L, 10' from top of NW elm
11:58 am 1 top NW elm

11 Jan 10 am a few about, 1 top of up st cedar
& one brief song. 1:36 pm lots of cedar
waxwings about & 5+ robins in elms &
in oak, even Pittos - a few "e-e-e" calls.
3:51 - 1 in top of up st elm - very top - it flew
4:00 2 from mid " " to SE with "e-e-e"
More robins seen today than from last
winter - do they follow waxwings?
4:06 pm 4 near top of NW elm (fewer wax-
wings) & 2 flying S well over elms.

12 Jan 6:42 am 1 robin singing
9:35 1 top of up st elms - have been 2 or 3
about this a.m. 9:48 now 5, 4 below the first
some bits of singing. 11:03 no robins about.

[illegible]

Christmas
1991

Turdus mig.

12 Jan., Del Norte St., Berkeley, Alameda Co., CA
11:28 am 2 in top NW elm; 1 flew to cedar no calls. 11:51 1 top NW elm; 1 top up st cedar quiet; no e-e-e calls.
13 Jan 4pm robins calling lots today.
14 Jan 2:38 pm clear, 1 ♂ mid section of NW elm; then flew to W side of oak (!)
16 Jan 8:32 am a broad flock of about 5 plus same wavering over to NW. No robins singing at 7 am as in dark before. 8:36 am 1 top of up st. cedar. 9:22 1 in top elm up st — a ♀? high perch = sex?
21 Jan 9:49 am 2 SE to NW, 1 landed top of up st cedar — only one about this a.m.
22 Jan 7:30 am ± 1 singing in distance. at least 1 in W elm off & on after 9 am. 10:10 am = 1 high in W elm flew to N, then 1 from S to top up st cedar, then another 4' down on horizontal limb. Now: high perch & flying about.
23 Jan 6:48 am clear, cold brief song, & a few e-e-e later. 8:58 2 high in up st. elms 10-15' apart, 1 flew N. And 1 ♂ has been in top of NW elm — very bl. head. 9:06 now 3 as before. 9:08 the 'extra' bird up st flew off - (a ♂?) leaving 2 - 40+ yds apart. 9:09 NW elm ♂ flew. 9:12 2 in up st. elms; 1 top up st cedar. 9:16 no robins 9:20 1 flying over elms W to E & 1 low from S into mid section of up st elms and ♂ back to another part of NW elm, now 2 in NW elm.
3 singles flying over from W at 9:29. also 1 top of up st elm. 9:35 briefly another

23 Jan., 2<u>ell Norte St., Berkeley, Alameda Co., Caly</u> in top up st cedar. Have seen <u>no</u> robins chasing thru trees, etc as one would expect with territorial defense, but this a.m. 1 to 3 almost continually in evidence. 4:21 e-e-e calls & 8' down from top of up st. cedar — No robins mid-day. 4:23 robin to NW elm - 8' from top. 4:26 - now 3 robins & 2 doves in top 15'. 1 flew S. 4:53 sundown — 1 top of NW elm.

<u>24 Jan</u> 8:58 <u>first</u> robin top NW elm. e-e-e call, black head. 9:05 no more calls & flew to 6' from top of most W of up st elms. 9:22 out of SW a broad (100 yds ±) flock of robins — at least 40 10-20' between individuals. high <u>and</u> <u>a few</u> waxwings mixed in. 12:29 1 briefly in top NW elm, ♂?. 3:52 now & earlier 1 in top NW elm. This high perch stuff with robins is a short term, off & on thing. Band-tail now in top cedar - this is more enduring! 4:01 2 in mid section of NW elm - flew to an up st elm & 10' apart on 2" limbs 60' up.

<u>25 Jan</u> 11:13am fog over 150 yds an open flock - over 50. rather high. 11:44 some a sudden burst of robins & waxwings in a broad front well over 100 yds and at least a hundred birds to SE - 4 robins circled & landed: 2 top up st cedar, 2 in elms. 100'+ over highest local trees. 11:47 The 4 flew low to NW.

<u>26 Jan</u> 9:36 2 in top up st cedar.

<u>27 Jan</u> 6:42 am Fog several calling, esp. e-e-e with brief song. Quiet more at 7:30 = 1 or 2 songs

27 Jan. del Norte St. Berkeley, Alameda Co., Cal.
9:35 am fog, loose broad flocks of 30-40 over from E past - 11 in top 12' of up-st. cedar, 4 top of NW elm E, more up-st. elms - much flying about briefly. It seems there are a few resident robins as early a.m., now flocks wandering about. 9:40 5 in NW elm flew to SW when a single flew by. 9:41 10 from up st. flew S. - 6+ remaining that I can see. by 2 & 3 all have flown S.
28 Jan 8:30 am 10 in up st. cedar, 3 top of NW elm - 8:42 only 1, in NW elm. Then another top up st. elms. The former flew to 10' from latter; there was a brief chase; 1 flew down to S, 9:06 none about. In winter, it seems, they are almost entirely in tops of trees unless feeding - on berrys. I don't know what the locals feed on.
29 Jan 8:40 am 1 briefly in top up st. cedar. at 7+ am 1 quick song in distance. 8:43 a broad flock fast out of N - 20± with a tight fast flock of 40 waxwings. Let 6 in elms - another flock of 15± from S - landed in the 2 cedars & up st. elms. (the same flock?) 8:46 a few robin songs — 12+ about. 8:52 1 top up st. elm & 1 top up st. cedar, then 1 flew into join latter. The days of wandering flocks.
4:16 1 to top NW elm - only 3 or 4 sentinels today
30 Jan a few calls - ee-e & "tucks" at dawn - 7 am. perhaps a song off in distance 2 in top up st cedar at 9:45 am. Not many to day. 3:30-4:30 several (?) singles: NW elm & W elm
31 Jan 7 am 1 singing in distance, again 8:37 = 3 top of up st cedar. 10 am = 3 high up st cedar

31 Jan., del Norte St. Berkeley, Alameda Co. CA
cont — , 2 top NW elm; 1 up st elms - top;
1 small flight earlier low. 10:05 - 6 top
8' up st cedar; 3 up st elms. Some singing
1 top NW elm. 10:07 - 15 from S to N, all but 1 in
up st cedar with them - well over elms.
10:30 so far this am. robins in sight all
the time now: 10+. Much moving about -
all high in elms & cedar 10:40 - about
40 in view - in high in every tree, some
singing & constant comings & going. about
20 waxwings up st. No descent to feed
yet. 10:42 another wave of robins low
from N - a few hundred + more waxwings
10:44 by count 45 robins in tops of trees:
20 NW elm, up st cedar - 6+; 11 other elms.
10:54 now only 5 robins in sight. 11 a.m. only
robin on utility pole at circle; now gone!
11:30 7 up st elms after waxwing flight,
1:43 (see Red-tail H. acct) 6 + in elms, small
flights & waxwings. Many moving thru, a few
more songs. More singing - "rain song"?
1:51 small flights W to E. 9 in elms. OVERCAST
1 Feb 9:30 am some singing; a few in treetops
off & on; they tag along with waxwings -
10:46 - 4 in top NW elm no singing last hr.
1:32 about 20 flew into elms (already several
there) & seconds later 15 flew fast & low to S.
now 10 or so. 1:42 7 in elms up st. 2:41 at least 5
in up st cedar, more in up st elms - suddenly
all flew N. 2:45 1 singing loudly & close.
Have noticed a little chasing among robins in elms.
2 Feb after rain early - small groups in elms, up st
cedar & flying, alone & with waxwings.

Turdus mig.

~~2 Feb., del Norte st., Berkeley, alameda Co., calif~~

4:28 only 1 — ~~top~~ 5' of NW elm — one song.
4:47 1 W elm, 2 or 3 NW elm — are these the locals who will breed here?

3 Feb. 12 in elms & cedar, 1 sang. Singing briefly 8:15 am. Singles & small groups (up to 10±) flying ard. Singles coming in to elms & singles flying off. "Flashing" is more of aggregations when compared to waxwings. 10:42 — 24 in elms & cedar, more coming in loose from SW, singing. all high in trees. 11:11 suddenly robins everywhere — mainly flying SW — locals flying also. scattered waxwings also. turmoil, not hysterical but everyone flying SW & S. 2 minutes later a medium sized accipiter from N to S medium height, F-F-S. awhile later a dozen robins returned to tree tops 11:20 robins & 1 flock of waxwings from S — some to tree tops others to N. Some songs SEE COOPER HAWK Acct. 12:52 pm at least 50 robins high in trees with same waxwings, almost constant turn over. (1 pm) rather abruptly most of robins flew down to S. — berry bushes on "del Norte Court" across st. to SW. — all but 5! 1:23 guess they went on & not returning to digest the berrys — if that was where they went.
The season of wandering — as a group & individuals 1:55 clear almost 1 only — top of up st. cedar. 3:45 has been clear — only singles since 2 p.m.

4 Feb. 8:40 am 12+ in tree tops.

[illegible]

4 Feb, del Norte St, Berkeley, Alameda Co. Calif
9:20 am overcast, a sudden huge flight of 100+ robins & 200 waxwings, low from N. much circling. 50 robins in to up st elms & cedar some waxwings.
9:23 mass flew SE. - 20+ in up st. trees.
9:28 There has been much milling about of robins & waxwings in all directions, but mainly to SE. Now only 6 robins in trees now 1 singing close in. 9:43 1 robin top of up st. cedar. 11:05 am 34 in up st trees - top
11:11 Red-tail Hawk in top of up st cedar - 9 robins in top of up st elm & 26 in to NW elm - amazing also some house finches. Hawk facing W.
11:20 a flight of robins from N & to S. much flying about - hawk still in place. Much activity & paying no attention to Red-tail. 11:23 hawk flew low to E. Robins in NW elm did not fly ~~cont~~ no flight of panicy robins from E. 11:25 suddenly lots of robins are singing. 3 pm heavy rain - 8 robins in NW elm high - all hunched up. 3:19 a huge flight in 2 waves from NE robins & waxwings & ndeed in part then to S. at least 500!
A minute later a large accipiter below tree level F-F-S and the circle & to W
3:27 Some singing in the rain!
5 Feb 8:32 am clearing some sleet - some singing earlier. 8:45 flight of about 15-20 out of NE low into tops of up st elms. No singing before or after dawn this am 6:30 & 7 am.
9:10 - 30+ in tree tops, singing. Singing off & on all day. Robins in a flock don't suddenly coales as waxwings to form a fast tight flock.

[illegible]

[illegible]

7 Feb, delnorte st., Berkeley, alameda co., calif
9:45 am - 1 in top NW elm - thats it so far. - no flights. 12:41 sunny 3 in top up st cedar.
9 Feb fog, few about, no dawn songs. 9:53 several songs close in. No flocks in past several days, just occasional lone birds high in elms.
10 Feb 8:30 see Waxwing acct. 1's, 2's, 3's at high perches off & on allday. 5:31 getting dark, closeby: e-e-e & tuck calls - loud & insistant, from S - the cedar?
11 Feb 9am none about! 9:46 am first robin of day - top up st cedar. 10:11 am another (?) top up st. cedar. 10:12 it flew W. high
12 Feb 7am fog many calls from 1 no songs. 8:15-8:30 none about. 8:43 one lone flock to E. 11:27 am 1 top up st cedar.
14 Feb 7am. 1 singing down the st. & some e-e-e calls. 2:28 first robin in top NW elm
15 Feb 8:42 am high overcast 2 in top up st. elms. a few calls & songs 7am ± 10:18 1 in top NW elm. 10:59 a bright ♂ to up st cedar. No others about. 11:02 1 flew up from NE first 1 flew down to S. 10 waxwings came into top 10' of up st cedar 11:03 all gone.
16 Feb 9:20 2 into up st. elms first of a.m. 4:59 1 top NW elm - first since a.m. flew a few later
17 Feb 4:20 pm 1 high in W elm first of day.
18 Feb 8:57 am clear 1 to up st. cedar. 1 flew over
20 Feb 9:23 am 1 ♂ on S side of ivy pole across st., S side on metal bracket 3' from top (this is 1' from Fox Sq nest) its tugging at what may be ivy berries? 9:50 1 high in NW elm

20 Feb., del Norte St., Berkeley, alameda Co., CA
and another bash at berries on ivy
pole.
21 Feb robin calls at 7am & 10:40 with 1 big
song. dull overcast - few seen this a.m.
23 Feb a few calls & songs at 8am. Not
much in evidence.
26 Feb 7am - no singing at first light. 8:45
single robins from up st & NW area & now
one singing in near cedar. 8:55 high out of
NW 8 robins & 18 ± waxwings well over trees
to to E. 1 robin off & on in top up st cedar
- not same one. 2:50 few this pm now bright
sun. 1 top elm up st & 1 4' from top up st cedar
27 Feb 7am & 8½ - cloudy a few songs & e-e-e
10:30 1 top up st cedar. 12:50 pm light rain -
a flight from W. of 100 robins & waxwings.
50 yds long, x 15' wide - unusually tight.
28 Feb cloudy, 1 top up st cedar - flew E high;
1 4' from top NW elm. Heard 1 song this a.m.
0:16 loud singing close in. 10:23 am 2 in top
up st cedar 2' apart.
1 Mar 10:05 am 1 on ivy S. side of ivy pole 18"
from old Fox sq. nest. only 1 about.
3 Mar 12:18 rain all a.m. with no robins
in evidence, now light rain & 1 small
broad flight over to NE, More waxwings
now - none in a.m. 1:45 at Barb. Hart.
Marsey 100 in trees & much singing.
4 Mar only several small flights this a.m.
now - 11:14 3 in top the elms.
5 Mar. 9:39 am hazy overcast broad, disorganized
flight of robins rather high W to E, 100 yds + front
Only 1 robin in tree top so far this a.m.

[illegible]

Turdus mig.

5 Mar., del Norte St., Berkeley, Alameda Co., Calif.
another flight of 15+ at 9:43 SW to NE
200' up.
7 Mar There have been 1 robin in top
of NW elm or up st cedar off & on all a.m.
Then at 9:12 a flight of about 20 from
E landed in top of up st cedar - top 10'
8 Mar 11:02 am 3 in top up st cedar with 2
or 3 waxwings - just about first of day
little robin activity 6:12 sunset one in
near cedar: "puee" & a sharp call - not the
loud tuck. Not much singing today.
9 Mar. 7-7:30 am same sing in distance.
few robins today - no calls - since late a.m.
5:53 cloudy - 4 in prominent perches
10 Mar 10:20 am light rain. Until now
robins only about as singles, 2 or 3's.
Then a flight rather high NW to E with
several disjointed waxwing flocks.
11:06 a broad disorganized flight of 50+
from E into elms & up st. cedar, a few small
flocks of waxwings in light rain. 1:37 There
was a flight of 20+ which descended to SW
and then much flight between elms, 2's-5's
high now 1 singing loudly. Very light rain
11 Mar 8:58 am clear 4 on prominent
perches. Several disorganized small 'flocks'
or flights; so small numbers moving
about.
12 Mar 8:17 am light rain - a robin day
6+ at ivy berries on ivy pole across st.
+ more in elms - they are all over - 40+,
no waxwings now (7:10 35+ in tight mass in
up st elms). 8:25 now 4 on line, under

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12 Mar., del Monte St., Berkeley, Alameda Co., Cal
canopy in dark, Pittos, flying everywhere
all calls + song 8:59 much activity,
with robins & waxwings coming + going
in neighborhood - must be at least
500 total of both sp. much calling, etc.
(amazingly several 2+ ~~[illegible]~~ starlings
were with robins - waxwings on the
[illegible] pole - SEE Acct.) 9:06 - about 10 in
top NW elm + a few waxwings. 9:14 only
4 in top up st. elm ~~[illegible]~~ light rain again
a few flying high overhead. 4:27 only
2 or 3 this pm. 4:38 = 3 up st. cedar, 1 up st. elm
call Tche-eee, 4:42 a dozen rather hi
to SW, 75 yds apart. locals don't react.
14 Mar 6:15 - dark - 1 or 2 near, variety of
calls. Then 6:45 just light 1 singing.
9:45 seen none in 1 hr. t.
15 Mar clear, call 8:09 4 in NW elm, singing -
16 Mar overcast. Much calling & singing at
about 7:30 a.m. 2:56 1 in W. elm. few
about today.
18 Mar 11:34 So far only 1, no flocks 12:47 pm 5
in top NW elm cloudy then plus 11 more plus
1 starling & several waxwings. 5+ more in
W. elm. 3:06 what appeared to be a chase
of 2 into mid-section of up st. elm.
19 Mar. 5:38 am 2 close in calling loudly -
false dawn 7 am singing. 3:57 heavy clouds
small flight of robins to S. several top of cedar.
23 Mar overcast, some rain, only a few singles,
lately, not much in evidence.
26 Mar 9:31 rain - 2 to top of up st. cedar. [illegible]
robins not in evidence lately

Turdus mig.

28 Mar., ~~[illegible]~~ Berkeley, Alameda Co., Calif.
3:13 clear 1 from S to top of up st cedar - about first of day.
29 Mar ~~[illegible]~~ Singing in distance at 5:15 & 7 am, calling close in at 6:30.
9:03 1 has been on lower branches of elms 40-60' up, S. side. 12:50 pm 1 top up st cedar
31 Mar. 9:24 1 in top up st cedar then to near top of NW elm.
1 Apr 10:35 few seen lately. 1 briefly in top NW elm. Same calls & singing in early a.m.
Singing before dawn = no communal roosting.
2 apr first one seen this am at 10:08 in top up st cedar. where are the feeding flocks?
4 apr light 5:40 1 singing, more at 6:30 +. all in distance, 1 close with call notes.
1:04 1 feeding on ivy berries on ivy pole across st.
7 Apr Robins singing in dark 5:10 am.
9 apr. 5:30 am 1 singing. 8:20 1 top up st cedar. 8:27 1 from low NE to high in near cedar. 8:41 top up st cedar
10 apr. 8:27 am 2 feeding in leaf litter in gutter when I came in.
15 apr 5:50 am before first light the first real dawn song of many robins.
9:30 1 flew up into up st elm 50+' up. just not very obvious lately not many on prominent perches. 1:53 1 top up st cedar
16 apr 1:03 1 near top NW elm (♀) dropped down
17 apr 8:50 am 1 singing, fog cool. 10:33 ♂ on wire over street. few calls. 3:30 pm a ♀ in leaves in gutter

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Turdus mig.

18 Apr., del Norte St., Berkeley, Alameda Co. CA
10:38 2 from front yard to w under elms. 11:27 ♂ 8' up in baby elm across st. 3:40 2 on steps. a nice dawn song this am in dark before dawn & ceased with light.
19 Apr 9:30 1 ♂ on sidewalk in front of house dead oak leaves, frass & probably fallen larvae. 10:01 — one ♂ top up st cedar briefly. 11:09 ♂ on line under elm branches across st. 1:45 1 top up st cedar 2:36 ♂ on line next to oak.
20 Apr - 10:24 am 1 in mid section of up st elm flew higher to power line briefly. Not much in evidence today. 7:30 complete overcast getting dark — one singing in distance
21 Apr. 4:16 1 on 4" branch in oak under canopy.
22 Apr 8:05 1 ♂ at sidewalk - feeding on larvae that fall from oak.? 9:03 1 top up st. cedar, briefly. 11:26 a ♂ on line over st. — Late afternoon robin feathers on front steps — cats?
23 Apr 1:05 pm overcast — 1 from under elms over house — e-e-e call.
24 Apr light rain - 10 am a ♂ & ♀ on line over street
25 Apr. 4:51 am singing close in. 5:56 sky just beginning to lighten up — still singing. It stopped about 6:10 now pretty light; 1 or 2 in distance singing.
26 Apr 3:30 1 briefly in top up st cedar, flew NW.
28 Apr 6 - 7:30 am clear - no robin songs 11:13 loud e-e-e calls close in. Not at all conspicuous. Then some singing &

28 Apr, del Norte St. Berkeley, alameda Co. CA
1:14 ♀ top up st cedar, ♂ 10' down.
29 Apr 5:32 first robin singing in dark
5:51 stopped sing with light - This
was pretty close. 1 in distance at 6.
1 May 12:06 ♂ on line over st. First of day!
4 May 9:56 fog, 1 top up st cedar. No sing
this a.m. 11:16 a ♂ top up st cedar. 7:35
one singing in distance
6 May 9:36 am ♂ on line over st near top,
lower part of NW elm - no singing this a.m.
8 May same time before 6 a.m 1 singing
in distance.
9 May singing 5:15-5:56 most in distance.
10 May " " & 7a.m. 1 on lawn 3
houses, up st.
11 May singing ±5:15 to 5:40 and 4 or 5 most
in distance, only 1 close.
12 May 1:30 in fog. a bout of singing close in.
14 May 6:02 pm robin singing to NW.
15 May noon 1 singing quietly near.
16 May 9:22 1 5' from top up st cedar, windy
flew down to N.
17 May 10:30 am ♂ on line 5' from oak. 1 call
e-e-e. Robin singing at a distance at
5:08 this am in dark. No real dawn
song lately. 10:45 ♂ top up st cedar windy
18 May first song at 5:02 am. a good dawn
song at 5:30 but pretty well stopped by lite.
1:42 one singing close.
19 May 9:04 2 low NW to S over elms & down.
9:08 2 more, to SE well over trees. Then 2 on
roof of house up st tow. 10:14 ♀ on line between
oak & Pittos.

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Turdus mig.

20 May, old Porter St., Berkeley, Alameda Co., Calif.
8:56 am a sassaer — close in e-e-e call loud & insistant.
21 May 1:04 more sunny close in, e-e-e call.
22 May 10:53 Fog — 2 flew SW to NE tree heights
23 May 7:58 Fog — 1 top up sr. cedar. 1:06 1 top up sr cedar
24 May singing 5 - 5:26 am. 9:15 am 1 flying under elms in front.
25 May robin singing 4:56 to 5:20 a.m. only 1
26 May a respectable dawn song for 15 ± minutes
9:13 1 singing somewhere N or NE.
29 May 5:05 robin singing — full moon
They stopped before 5:30 am.
31 May 9:18 am ♂ near top up sr cedar.
1 June 10 am has been 2 in top up sr cedar this a.m. both ♂. 11 am 1 sang briefly close in.
11:47 more singing.
4 June 1:34 clear, 1 singing close 5:57 singing!
5 June 10:16 from low SW a ♂ to top of nr elm, briefly then in near cedar — high.
6 June several short songs about 5 a.m.
7 June 4:38 am 1 singing in distance, 5 ±
1 closer singing.
8 June 10:10 am 2 in top up sr cedar, 1 a ♂. - ?
9 June 12:40 lots of singing & 'tucks' close in, in backyard. 4pm
10 June 1 pm 1 singing close in. 5:30 more singing!
11 June robins close in singing 5 - 5:30. about 8 am on lower Los Angeles 4 robins on side walk & street. Singing 8 a.m.
12 June 6:26 pm since 6 pm 1 sing loud close to N.
14 June 4:48 1 or 1 singing; close in at 5 am
11 am 1 singing in back. Not seen any of late

14 June <u>del Norte st, Berkeley, Alameda Co., Calif</u>
1:41 1 flew tree top level W to E.
<u>15 June</u> 4:44 1 singing in distance then closer in. 9:42 am 1 sing near. 10:46 1 singing close to NW. 8:03 1 singing close loudly.
<u>17 June</u> 11:27 am clear 2 in top part up st cedar, 1 flew E - high; a ♂ at very top now singing 1:05 1 S to N. Has been more singing.
5:53 1 top up st cedar - same sing.
<u>18 June</u> singing 9 am ± & 10:44. 2:45 1 singing a back & 1 flew W to E over house. Fog 11:36 sunny & breezy, =59°F 2 W to E overhouse
<u>19 June</u> 6 pm 1 close in singing loudly.
<u>20 June</u> 11:17 am 1 singing close in. 2:39 same 5:46 same - 7:22 same.
<u>21 June</u> 1 singing close 4:55 to 5:33 am 9:39 a few singles flying E (well over trees) & to S (under the elm height). 6:16 sings before 6 loud singing to feast, in bursts! its frantic! 6:37 1 sing to NW. <u>Compare last yr</u>. lots singing. Do only ♂ sing? He is horny!
2:42 lots of singing close in.
<u>23 June</u> 1:03 1 sing - distance NW ?
<u>24 June</u> sing in distance at 4:40 am and lots close in 5 - 5:20 ± am in high fog.
4:35 pm fog 1 singing close in.
<u>25 June</u> 5:38 1 singing NW.
<u>26 June</u> 3:58 1 sing close in to NW.
<u>27 June</u> overcast, 3:21 1 singing NW; several flying W to E over house. 6:39 3 top up st cedar
<u>28 June</u> 4:12 - 1 sing to NW - overcast, no sun
<u>29 June</u> 11:01 am overcast, 1 singing close, to W. 4:14 1 singing - NW
<u>30 June</u> 4:13 sharp loud e-e-e close to NW

Turdus mig.

2 July, del Norte St., Berkeley, Alameda Co. Calif
1 or 2 singing to S. 4:51 on for 15½ min;
again at 9:58 am.
3 July several flew over to E, 3:40 1 singing
in distance.
5 July 10 am 1 singing - top of up st cedar?
6:17 1 singing close in laundry - fog all day.
6 July 5:33 am several singing in distance.
19 July 5pm a juv. robin on line with
doves same trouble balancing - flew NE
low - only 1 of year!
20 July 11:28 am overcast. loud 'tuck's
& often 'e-e-e' calls. close in. Have
heard no songs in weeks.
21 July 5:46 am fog. very briefly one
sang off in the distance 2 or 3 times.
Robins not much in evidence dead
here
24 July 11:12 am fog 1 calling "tik-e-e"
near - NW elm area?
29 July 5:15-6:20 am fog no robin calls, etc
31 July 9:29 am 1 calling in back.
6 Aug 8:33 am overcast, 1 top of up st. cedar.
yesterday saw 2 fly over from W.
8 Aug. 6:20 am low fog - robin singing!
12 Aug 6 am ± first light, 1 giving 2 part
call - "Tee-u" loud, clear, close in somewhere.
4 Sept 8:36 am fog. 1 flew up from across
st to near top of NW elm for 1 min. then to NE
7 Sept 3:41 pm ½ clear windy 2 from W to near top cedar
11 Sept 6:41 pm 2 up st elms to SE & near cedar
6:52 pm also fog 1 (? sp) top up st cedar.
7pm 1 top utility pole at circle; 2 near top up st cedar

11 Sept, del Norte St., Berkeley, Alameda Co., Caly
7:05 a flight 3 or 4 to SE; 1 remaining in top up st cedar. This could be a change!
13 Sept 11:18 am Fog 4 to NE! 3 then 1
11:21 2 to top NW elm then down to NE. 2 more! Suddenly small numbers of robins, about –
15 Sept 6:40 pm part fog = 1 top utility pole at circle & 2 top up st. cedar. Calls before 7am
17 Sept 8:48 am low fog – 1 hunched up near top of W elm. 8:52 another displaced this 1 (to up st elms). Robins now becoming ardent!
18 Sept 9:01 2 from W – 1 in top up st cedar & other to top near cedar. 9:49 1 from mid area of up st elms to lower part of near cedar – ran along horizontal 5" branch 30' up. 12:11 1 top up st cedar.
19 Sept 1:22 pm 1 5' from top of NW elm.
20 Sept 8:30 am on lower Los Angeles St – just beyond circle: 6 robins on lawn.
10:44 1 NE to top utility pole at circle, then SW.
22 Sept 6:47 pm Fog 4 in top 10' of up st cedar –
24 Sept 10:31 several have been near top of NW elm so far this a.m.
25 Sept 8:57 am Fog 2 in top up st cedar flew N
9:20 4 from SE, 2 in top up st cedar. 9:22 3 more from SE into mid section of up st elms; 1 in top NW elms. As of now robins are in evidence high in trees, or in top. The winter pattern is now becoming established – but not in numbers as yet. Will wait for the first real winter storm. After thunder shower – 3:14 1 robin top up st cedar, clouds calm.

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Turdus mig.

26 Sept, del Norte St., Berkeley, Alameda Co.
8:30 am Fog 2 in top of up st. cedar.
27 Sept 8:48 am Fog 3 E to W, 1 turned & landed in top up st cedar. 12:41 4 from NW elm to top of up st cedar 1:21 pm 1 in top NW elm; 1 from SE into up st elms (not real high).
30 Sept 11:13 am Fog 1 from S to top up st cedar were 2 there at 7:30 am. a few robins about — high in elms or tops of cedars.
1 Oct 9:33 am Fog, a long disjointed flight of robins W to E rather high — 12 of them. 9:39 3 in top up st. cedar.
2 Oct 8:58 a.m. in fog parts of a robin song — from near cedar?
3 Oct 10:15 am clear 1 near top W. elm.
4 Oct 9:35 3 in top NW elm Fog just in.
7 Oct clear • 10:40 am 2 in top NW elm.
14 Oct 2:45 pm a ♀ near top of NW elm.
15 Oct 9:48 am clear 1 top NW elm 11:12 another top of NW elm — have been several.
5:53 3 in top NW elm. Sun dipping low.
22 Oct 1:33 pm overcast. 1 top NW elm Not many in evidence lately.
25 Oct 11 am overcast light rain last night — have been a few in 1's & 2 in tops of trees.
27 Oct 7:45 am lots of Turdus & 6± SONGS
29 Oct 9:33 am 4 in top up st elms, 3 dove sharply to S. — first of a.m.
30 Oct clear windy 7 am. about a dozen S part of up st elms.
1 Nov. 7 am about 10 in NW elm — some flying about, bickering most high in tree
7 Nov 10:41 am 2 in top up st cedar; sp. not in evidence

Christmas
1991

Turdus mig.

20 Nov., Milvia St., Berkeley, Alameda Co., California
4:06 7 robins over SE to NW, 1 in top up St cedar
30 Nov. 11:45am clear & windy 3 in top up St cedar, then 2 high in up St elms.
2 Dec. 3:50pm calm clear near sunset 10+ from up St elms to NE, a few still tops of elms
6 Dec mainly clear calm dozen + in the elms up St. a few waxwings also typical winter scene in bare elms.
13 Dec 3:33pm clear, breezy up to five flying to elms then NE. No big flights yet & none about for more than a few minutes
14 Dec. 8am several with 15+ waxwings feeding on cotoneaster 2 houses S of me & in elm 70' away. Then day 1 & 2+ in elms & several flights to E of — 5 individuals. only a few calls.
18 Dec. 10:20 am clear & sunny after rain 1 robin sings several times in backyard Have been several in elms lately no congregations.
19 Dec C.F. = B. Heinrich: "Raven in winter" first robins sing in Vermont = Mar. 21
20 Dec 8:56am clear calm fast flight of 10+ NE to SW well over trees. open 9:21 another flight — 11 to NE over trees, plus 1 in top of up St cedar.
24 Dec 8:30 5 obs in tops of trees a little singing
25 Dec in a.m. in Palo Alto 10+ in a bare oak with singing.
30 Dec 2:39 pm overcast 1 calling - top up St elm
31 Dec 8:53 earlier a few flying about & in tops of trees especially up St cedar, no more than 5 at a time. Now 1 high broad flight to N

6 Jan. delNorte St, Berkeley, alameda Co., Calif.
10:35 am clearing 4 in top up St cedar.
one flight of 4 W to E rather high
earlier. Yesterday am. in clouds
early - lots of calls & 1 song.
14 Jan 4:35 pm calm clear 2 high in up
St. elms - Singing Not evident lately,
20 Jan 10:12 am clear calm 3 in top up St cedar
10:40 am ♂ near top of NW elm for second
time in past hour. Is this the first
staking out of territory?
26 Jan. 7 am ± first light; in distance lots of
calls, incl. e-e-e and some singing.
30 Jan 6:45 am Robin singing in dark
for 15-20 minutes quite with dull lite.
9:20 4 in top NW elm. 10:11 1 flew up into S part
of NW elm 70' up - from S.
1 Feb 7 am 1 singing - calling close by. 9:36
scattered clouds same.
3 Feb 6:50 am windy 1 robin singing. 9:36
a broad flight of 9 robins W to E, 150'. 4:18
from S, 2 into near top of NW elm - 15' apart.
7 Feb 7:45 am. light 1 sang briefly. 2:39 pm
lowering overcast, 2 near top NW elm 12' apart
2:48 1 remaining & few songs - this bird - ?
The famous rain song. 3:27 3 in NW elm 20'
from top - as yet no chasing but short
flights, 4-10' apart, no singing - the light
not good enough for song. tho tentatively
2 ♂♂. 3:31 - 3 ♂♂ for sure - 24" - 5' apart
they keep moving - no songs.
8 Feb 12:33 overcast 9 in top up St elms 5-8' apart
9 Feb 9:33 am a flight of 50± robins from
NE to W, low, eratic & very fast. 1 in top of NW elm

[illegible]

Turdis mig.

9 Feb., del Norte St., Berkeley, Alameda Co., Calif. Robin singing 7:10 am after first light, near.
10 Feb. 9:38 7 flocks of 40 ± NE low, erratic to W. at 7:30 am several in close singing loudly — overcast has been raining
13 Feb. 11:26 a historical flight of robins from NE to SW, low, fast, at least 50, plus 2 flocks of cedar Waxwings (15 & 30 ±) higher & circling now 6 in top of NW elm. a hawk-dove? it — they are obviously spooked. 12:38 have several small flights — 12 W to E & a few in tops of elms. Calls frequent. Singing at dawn this a.m. 3:38 a small flight from S & — 5 waxwings into up St. elms.
14 Feb. 11:14 getting darker, wind, 9 R. from N to S low, fast. 11:23 2 robins in fast, wild chase thru NW elm, around & to & thru Pittos to N.
15 Feb. 10:32 ♂ top NW elm. Have been several about this a.m. Several singing at dawn plus loud calls.
16 Feb. 7:30 ± lots of singing. Scattered clouds 9:41 8 in NW elm & a few in up St. cedar — lots of singing, & flying about. 9:51 lots descending to W elm & down to a cotoneaster with red berries.
18 Feb. 11:21 am overcast from NE and 200' up a broad, fast & erratic flight of robins & a few waxwings — disorganized, none landed locally. 11:28 a few circled over head high, 7 landed in tops of up St. elms & 2 top of up St. cedar.
21 Feb. 10:53 overcast — big chase NW elm thru Pittos then ♂ NW corner of ledge, 'tsuk' calls flew NE

[illegible]

Christmas 1992 turdus mig.

21 Feb., del Norte St., Berkeley, Alameda Co Calif
11:02 2 in NW elm 20' from top 18' apart.
28 Feb robin to -8' NW elm first of day
1 Mar 8:15 am broad flock, 50+ to SE
Singing for 1/2 hr + 7 - on + dawn.
18 Mar 5:30 am robin singing in distance
8:54 1 singing near by.
19 Mar robin singing at 4:48 am overcast
21 Mar 1 singing at 5 am in distance.
6:04 1 singing partly cloudy; off to UC
23 Mar 8:28 am overcast Noise & Robin chase
across St from W into oak - territorial?
6:10 pm 75% clear robin sing near
24 Mar 4:50 am several sing loudly in
distance.
28 Mar 10:13 partly low clouds 1 near top
of NW elm for awhile.
29 Mar 11:13 am overcast - 2 high in NW elm -
"you - you" very high pitch. Then flew S. 6 pm +
overcast darkening - 1 singing in backyard.
31 Mar 4:08 am 1 calling "e-e-e" briefly.
9:11 1 has been in top NW elm - a ♀, no calls.
1 Apr 4:45 am several singing in distance
- dark. 4:35 1 from N to top of up st. cedar.
2 Apr 10:23 Earlier 3 robins - high in NW elm,
1 high in W elm - singly - landed head fluffed
up, deep tail flips. Singing before dawn.
6:30 sundown, fog e-e-e--- to NW close.
3 Apr 10:34 several in neighborhood, some
chases. Singing at 4 am.
10 Apr 10:50 am 1 has been flying under elms
then up to lower branch (50' up) in up st.
elm - another flew to S lawn. 11:04 1 in top
up st cedar.

Turdus mig.

11 Apr., de Norte St. Berkeley, Alameda Co. CA
5 a.m. around a number singing in distance. Yesterday late afternoon 1 singing to NW close in. 10:48 ♂ on line under NW elm, over street.
14 Apr 8 am 1 sang close in. 10:15 ♂ 60' up in up st. elm small limb near 6" branch.
17 Apr 10:58 am sunny, few clouds - 1 singing fairly close. at 5:30 am several singing in distance. definitely fewer robins this year.
18 Apr 10:29 am clear windy ♂ on 2" elm branch 80' up - up st. defending territory
20 Apr high fog; 9:21 1 in top up st. ~~elm~~ cedar. little singing this a.m. 9:44 1 singing off to NW. 3:29 came back to house - 2 on front steps, 1 flew. other injured rt leg - hopping about, injury on lt. side of head, fluid on that side. a ♀? a partial crescent of white feathers on upper nape.
22 Apr 5 am ± 1 singing in distance; 5:18 3 or 4 singing a bit closer - near tunnel
23 Apr now that elms are completely leafed out will robins perch in top of trees?
25 Apr 1 singing in dark in distance at 5 am ±
at 5:30 2 singing. 11:23 overhead 1 to top of the up st. cedar.
28 Apr 10:54 am clear 1 top up st. cedar.
30 Apr 10:02 am scattered clouds 1 calling chee-e-e-e in distance. Songs at 8 am
1 May 11:27 clear 1 singing close in briefly
2 May 1:15 pm clear 1 singing close in, no see 'um
4 May 1:41 e-e-e call 1 flew low to N; earlier 1 low in NW elm

6 May
heard 1 robin singing at 4:38 am by
5 am 2 singing.
8 May have seen several flying low
& direct - fast. So in area, this notalevians
10 May 10:06 am clear, 1 top up of cedar, and
loud calls close in "peek, chuck, chuck"
12 May Fog 11:14 1 singing; several flying
low over street, etc.
13 May 10:25 am 1 from SW low over oak
& into cedar - over the oak it dropped
what appeared to be a white fecal sac.
6:25 bright hazy sun; 1 singing close in!
16 May 6:24 pm 1 singing - medium distance
17 May 5:13 am more than 3+ singing distance
18 May robins in a.m.
21 May singing before 5 am & again at
10:26
23 May 6:12 close in to NW - e-e-e loud calls
26 May 9:53 am Fog 1 singing close in. at
3:30 am 1 e-e-e-e to SW.
27 May Fog, 9:39 am 1 flew up to S side of NE
elm 70' up - exposed end of branch (1/4")
28 May 9:33 am Fog, 1 singing close in.
29 May 9:58 am a quick look at a (?) juv.
robin on line 8' from house appeared
to be spots on breast. Singing at 4:45
am to about 5:30 - 1 quite near. More
singing at 7:30± a.m.
30 May 12:03 overcast juv. robin on N ledge
& on line, briefly, very shy.
31 May Fog 11:52 am 1 singing loudly close in
1 June. 3:30 1 singing - clear.
2 June. 11:40 1 singing close in & loud.

3 Jun.
1:16 sunny ♂ on ledge, beautiful plumage.
4 Jun. 10:59 am clear ♂ on S side of NW elm near end of hanging limb 50' up. Has been loud e-e-e-calls not now! 1:48 / singing.
5 Jun. 4:53 am first robin singing, preceeded by few e-e-e
15 June cloud over, 2:19 - 1 singing close in. 5:57 1 singing close in 3/4 clear. few [illegible]
16 Jun. 5:08 am full moon, 1 robin singing close in. 1:31 - 1 singing
17 Jun. 11:22 am clear one [illegible] ? high in [illegible]
19 June 11:01 am hazy clear, 1 singing (NW?).
20 June 2:24 clear, 1 singing, rather close. 3 pm ♀ from E to high in NW elm, branch on E side, bill wiping. 6:18 1 singing again
21 June 4:55 am fog several singing 5:15 4 or 5 singing 5:45 ± light rain singing 6:32 pm fog, 1 singing close in.
23 June 1:08 robin top of upper cedar, and 1 another one singing at 5:08 am. 1:11 pm overcast - 1 singing happily. 4:16 2 robins from SE to high in NW elm - no calls, etc.
24 June Singing 5 am ± to 5:45 fog. 10:20 more singing. 5:51 pm fog 1 singing to NW.
25 June 6:15 pm 1 singing clear windy
1 July 10:55 almost clear, sun; 1 from N up high into near cedar - no calls
2 July 4:50 am 1 singing in distance; 5:15 - 5:45, 4 or 5 singing close in when dawn started calling ± light, 5:50 just random calls. 6 pm 1 singing loudly in top of near cedar!

3 July
1:50 pm overcast, 1 robin singing, plus "tuk tuks", close in (cedar?).
8 July low fog 1 singing at 5:13; several at 5:30 none 5. after 5:45 am
10 July a few songs – 7:15 am & 9±. Last evening 7:30 pm 1 singing.
13 July 9:26 am fog 1 singing. 10:10 1 singing in near cedar – loud.
15 July 10:04 am clear, 1 top up SE cedar – (a sharp – shrimm? circling high to NW)
16 July 7:15 am fog, 1 singing. 9:17 several, big chases – 1 flew up into cedar & another on a line over the street.
18 July wake up at 5:50. No robin singing at about 6:30 am same loud tuk calls – this also yesterday a.m.
20 July 11 am & 1:45 pm one singing close in. 3:21 singing again!
22 July clear 9:28 am 1 singing, as yesterday pm. 10:06 am have seen ♂ on line over SE & ♀ that flew up into NW elm 20' + from top, much bill wiping.
28 July 11 am clear 1 ♂ over house to high cedar in
29 July 10:58 am fog, 1 singing to NW.
31 July 9:42 1 singing off to NW, ½ fog clearing
1 Aug 10:29 am 1 singing to NW
11 Aug 4:16 am. 1 brief song. 9:21 1 top of upper cedar.
18 Aug 9:02 am fog, 2 in top up SE cedar.
8 Sept 10:10 am clear 1 top up SE cedar.
12 Sept 9:22 am fog high 1 top NW elm.
9:38 now 2 in top NW elm.
19 Sept 9:39 robin in top NW elm.

Christmas 92-93 Turdus mig.

21 Sept.
10:43 am 1 in top NW elm on leafless branch. 10:52 now 2!

1 Oct 8 am overcast, sprinkles during night, wet. The first robin song of the winter! 12:56 overcast no rain — 1 singing loudly — ? 1 in top up st. elm.

5 Oct 11:18 am clear 2 briefly top up st cedar

9 Oct 10:20 am 3 robins high in elms, flew S with e-e-e calls.

13 Oct fog 10:18 am 1 top up st. elm & 2 working

14 Oct overcast a few singles flying over high E & to S.

16 Oct. 10:10 am have been several singles in top & up st cedar.

18 Oct before 7:30 am (clear) cool, 1 has been partial songs!

26 Oct 1 singing at 7:30 & 3:46 1 singing

16 Dec 9:45 clear; 2 top up st cedar & 2 top NW elm some singing after dawn.

17 Dec 10:03 recent shower, overcast a loose flight of 20 + to elms, etc. from S.

2 Jan 93 9:15 5 in top NW elm, scattered fog; 2 down steeply in chase. 10:05-13 top up st elms.

5 Jan 12:28 overcast. have been 1 to 6 at a time in tree tops & flights 1 brief song.

31 Jan clear small flights, small # in elms

2 Feb 11:59 dull sun, overcast 8 in top of up st cedar.

4 Feb 10:19 am part clear long line of robins 75-100 high from W. split, same to S.

13 Feb 6:30 lots of calls, first lite & a few songs

Christmas 1993 Turdus mig. B 94

27 Feb
clear, calm, 10:51 1 singing close to NW. Have heard no or little early morning singing.

28 Feb singing close in at 6, 8:30, 9:15 a.m.

1 Mar singing 6:10 to 8:30 am 6:06 1 singing to NW.

5 Mar before light (6+) lots of singing in distance - no where as much as 4 yrs ago

7 Mar singing at 6:07 just light & 8 ish. Not as many robins this year - only 2 or 3 flights of 20 +.

23 Mar 2 pm light rain - at Berk. Horticultural NW. dispersed flocks (# ?) much singing. Here little activity singing 5:30 - 8 am.

27 Mar 4:52 am dark 2 singing until light 6 +.

11 Apr This p.m. 2 robins on my steps & side walk (as yesterday) This is a major change - so a local pair. Singing before dawn & after sunset - most in distance. None in the immediate area!

30 Apr 5:30 am ± clear lots of singing, stopped at first light.

13 May 5 am 1 singing in distance

17 May 8:24 pm overcast several calling & singing close in, just dark.

18 May 5:02 am singing in distance

20 May 4:26 am fog several singing "

17 June have been singing 4:30 am +

25 June 1 singing 5 am; 1 song close in at dark 8:58 PM. rarely see robins now.

28 June singing 5:07 - 5:25, 1 close in.

3 July
singing: 5:07 - 5:23 in distance;
6:33 closer; 8 a.m. singing closely.
9 July Fog 8:13 am 1 singing close in
13 July am 5+ 1 singing close in
14 July no singing. 1 in back yard!
18 July have heard no singing
also seen flying between trees, not high
2 July a.m. yesterday & today short songs & loud "tucks" from cedar.
2 Oct. 10:30 am 5 in top NW elm = winter pattern
23 Dec 10:46 clear, cold, windy. 1 flew to top of NW elm. This is the first one seen in a while. No flocks yet. they are just not about.
25 Dec 9:30 am overcast IN PALO ALTO
first "rain song" of year, + "tuck" 1 phrase
4 Jan 94 2± pm light rain Back West. Mrs. the first flock of robins this winter, 35±
7 Jan 10:45 am flock of 20± from NE at tree height, fast to SW. overcast (a hawk?).
23 Jan 11 am stopped raining, clouds 3 in top NW elm several chases (2). 11:58 song SINGING
3:38 clear view, 2 near top NW elm no singing
4 Jan 1 singing briefly before dawn, & 2 more times in late before 7:30. 9 am = 1 top of up st. cedar.
7 Feb 8 am 1 singing in back. 3:30 5 in top NW elm
9 Feb fog. 1 singing in dark & dawn 6:15±
9:20 2 in top NW elm.
12 Feb 3:22 pm a "flight" of 3. Songs early a.m. & 9-10 am. Robins are not abundant this year. Weather to K?

Christmas 1994

Turdus mig.

15 Feb
7 am clouds - lots of singing in class.
28 Feb clear at 7 am fog 8-9 from W & 9. then clear one calling close in at 5:50 - e-e-e then songs
2 Mar 5:10 am dark singing in distance
5 Mar singing in light rain 5:10 am
10:49 - 1 has been in top the elm for 1/2 to 3/4 hour. - is this the local singer waiting a mate?
27 Mar 1 singing at 4:15 ± am ~~evident~~ not
29 Mar. several singing 4am +:
26 Apr clouds, a.m. mid section of the dim, singing after 3am this am.
8 Apr 2:34 am anecdotal in distance singing
4 May 4:42 am [anecdotal] robin singing in distance - dark - every a.m. lately.
25 May last 3 a.m.s - robins started singing at: 4:50, 4:46 & 4:35, all foggy.
1 June robins singing at 4:50 am clear
8 June 5:15 am 1 singing. The last several days singing periodically thru day, haven't seen 1 in weeks!
12 June singing 25 min. after 5 AM also a few songs randomly thru day!
25 June robins singing 4:50 to 5:23 AM they stopped with full light.
29 June 9:40 am a few notes in fog, 1 singing.
3 July songs at 4 + am & several times during day - rarely see one!
6 July no singing 4:55 to 6+.
13 July 6:30 am a short song fairly close
9 Aug not in evidence at all.
21 Sept 11:20 1 top up of cedar. Fog. In early a.m. 7 ± same trees.

4 Oct.
10:45 am after light rain, 1 ♂ top of NW elm for several min. then scrub J. replaced it. 10:55 ♀ to top up S cedar for 1 min - flew. These are first evidence of robins for a month ++. Dur a.m. last week "tuck" calls and 1 or 2 song.
10 Oct 9:30 am ±, fog 6 top of NW elm few calls
16 Oct. 7:15 am clear, light, 1 brief song close in & a few "tucks".
28 Oct 11 am + several songs - fog.
29 Oct 7:45 am clear 1 singing close in
1 Nov 7:15 am overcast 1 singing in distance with e-e-e & "tucks"
Robins much more obvious now on high perches, etc. The most seen at one time has been 8 ! Small "flights"
25 Nov 10:35 am clouds. 5 in top NW elm with a small scattered flock to E. 1 Song about 11 am clouds Robins (25 ±) & cedar waxings in NW elm & feeding on berrys next door (N) for 15 min.
17 Jan 95 dur past weeks seen almost every day & ± 2 of six times flights of robins & cedar waxw. some past or others in local elms.
28 Jan at 5:30 + am before dawn - no robins singing. Only few songs when lots in trees so far
31 Jan no songs at dawn. 2 short songs close in at 7:34 - heavy low fog.
13 Jan no sing any time!
19 Feb dark 6 + song in distance; 7:15 lits - lots of calls close in & 2 songs.

[illegible]

21 Feb
6:13 am just light, 1 singing in distance.
22 Feb Fog dark- before dawn 5:30 am plus- 2 singing fairly close in
23 Feb Fog Singing before dawn & after- first heard close in, multiplies
10:32 am a flight of robins. 15± 15 to SE rather high, then a number to top of upper cedar.
24 Feb 12:20 pm Fog. a large (75+) flight of robins out of WSW - breaks dispersed some landing in elms & upper cedar. Then all flew off to NE
16 Mar 5:30 am clear dark, 1 singing in distance; 1 or 2 e-e-e times close in.
1 Apr clouds; 1 started singing in distance at 4:31 AM. yesterday singing by 4:55 am
29 May several have been singing at 3 am on & a few times before dark.
17 June robin singing at 4:22 am dark.
20 June " " " 4:15 Will they continue sing when days get shorter? Have much.
26 June 6:30 pm low fog. a seated J. in - 2 times it was 'dive bombed' by another very fast bird then a R robin on ledge 8' from jay in feeding R. was 'tsking' loudly several times - 1 min. later J flew to near cedar followed by Robin.
This a.m. 7± some loud e-e-e persistently & close (to?) for several min.
28 June Fog 11:05 am just on line 10' from house - gave a chirp & flew to NE. Rains
3 July 9:34 am Fog - 1 singing close in.
6 July 6:20 pm clear, sun! 1 jun on E ledge staring at me intently & no attention to talking / away

10 July
1 singing at 5 am - clear.
30 Oct 9:30 am Fog - Robins only seen rarely this summer, etc. Now 3 near top of W elms.
31 Oct 7 am Fog - 1 abbreviated robin song. 8 am small flock with [illegible] wings in upper elms & flying down to [illegible] to feed on berries.
19 Nov 9:30 am Fog a small concentration in elms, no more than 6 at most, at a distance (10'?) from each other, much flying about to & from elms - feeding? Typical of robins - no flocking - only concentrations at feeding. Then the C. hawk - no more seen today.
4 Jan 96 thus far this fall - winter, NO robin songs yet. 3rd 7 am some "e-e-e-e"
19 Jan 7:44 am clouds briefly in distance - a robin singing the first this year.
26 Jan weird year no robins singing!
1 Feb. clear. brief songs in distance at 8:20 & 8:56. 9:30 "tuks" & "e-e-e" close in.
2 Feb clouds. Songs at 6:58 & 8:20 both brief only 1 singing few other calls.
5 Feb. clouds. songs briefly at 7:30 & 8 a.m.
9 Feb 6 am dawn, fog, singing, briefly. periodically now in a.m.
14 Feb clear all day. Singing at 6:15 - not dawn
5:43 pm sundown stratus to W. loud & persistant singing near by, just after sundown.
Does amount of light trigger singing?
23 Mar have not heard any (or very many) singing in early am or late pm.
31 Mar 2:35 stratus, 1 top of NW elm singing = ? rain?

Christman 96

Turdus mig.

2 Apr.
4:28 clear with few cumuli 1 singing LOUD.
3 Apr. clear singing close in: 3:55 am in bright near full moon & 1 pm.
21 May 1:52 clouds, after am of rain - one singing loudly close in.
1 June Singing at 5:17 am, after 7 pm & briefly during day. Not at all obvious in appearance.
15 June Fog 7 am robin singing. There has been periodic singing during day & some evenings - tapering off tho.
18 June 5:14 am clear robin singing as it does briefly during day. 1:20 pm clear 1 ♀ on line next to oak with what appears to be a fecal sac (large) in bill flew under oak tree & fed
26 June 7:15 am clouds 1 singing close
28 June 8:10 am clear 1 singing " "
30 June clear Hot 6:33 am & 7:36 pm singing
4 July clear 3:32 one singing twice.
5 July 7:03 pm clear warm 1 singing in close
12 July clear 5:20 am. 1 singing in distance
16 July 9:30 am Fog 1 in top w. elm several bursts of song. Being quiet these past weeks.
20 Sept. 12:14 pm clear calm 1 dull colored breasted one 80' up in NW elm - the first robin seen in many weeks.
17 Oct 11:05 am clear This week robins more evident, not flocks but individuals - many 1 in oaks in back yard
29 Oct 12:15 pm clouds after rain as of last several days robins more evident - as singles in top of elms, no flocks, no calls.
9 Nov 6+ ave clouds 1 'tucking, misc calls, no songs

[illegible]

Christmas '97 ~~'96~~

Turdus mig-

5 Jan
8:30 am overcast flight chases between mgoab & oab across, st. With 'tucks' loud & persistent. Otherwise robins rarely heard or seen. No songs.
11 Jan 8:30 am clouds, 1 singing in distance
15 Jan 7:30 am overcast, 1 singing close in.
24 Jan. 7-7:30 am overcast, 1 singing fairly close. First since above.
27 Jan. 7-7:30 am dawn overcast 1 singing
12 Feb overcast 7:30 1 singing; first since above. Few seen above.
15 Feb 4:08 pm 50% cirrus/stratus & blue a large flight of 50± robins & cedar waxwings from N. first dive seen for a year
16 Feb 6:20 am 1 singing briefly in distance
21 Feb 6:15 am dawn clear, 5 min. singing close in. Are robin numbers down or shy?
28 Feb 7:30 am clear 1 singing in distance briefly. This seems to be a quiet sp. for robins.
10 Mar. clear 7:05 am 1 singing - distance; 7:35 singing closer in. & lots of 'tucks'
12 Mar clear 5:35 to -6 am singing & at 7:55-
~~2~~ Mar 4:47 am clouds 1 singing in distance. 7:15 more singing & lately briefly during day.
22. Mar singing (incomplete songs) at 6 ish a.m & ± 9 am. 10:11 a.m. Fog, 1 top NW elm.
24 Mar clear first songs 4:40 am & con't off & on to 8:00±
25 Mar dark - singing at 4:31 & 5:29 when another in distance joined in.
26 Mar 6 am Fog calls - songs close in for 10+ quiet to 7:30 others in distance. off & on songs for rest of a.m.

26 Mar
10:15 pm fog 1 singing. chase by & a 2nd & 3 flying branch to branch three low limbs of N.W. elm 60' up. no actual chasing but pursuit.
27 Mar. (clear) first song - 4:15 am) off & on during day. a few fly-bys & calls. much more in evidence now.
3 Apr. 2:45 pm. 2 on side walk in front of house, flew into trees - more robins seen more on lawns.
7 Apr 2 pm hazy sun big chase from my oak to across St. They are low & obvious now.
12 Apr clouds. Robins singing in distance about 5 am. 11:10 1 in top of upper cedar, flew high to N. = high perch & wandering whereas most are now seen under trees.
1 May songs for 10 min. after 5 am. clear no other singing.
16 May 5:39 pm clear, hot! 110° in sun - one in brief singing. No songs of late.
19 May fog singing (5 min ±) at 5:05 & 5:25
22 May 4:10 am 1 singing in distance, fog
1 June 3:10 pm fog last several days - singing at dawn, off & on during the day & esp. evening. This 1 close in to N.W. Do songs represent a form of imprinting on nestlings?
6 June clear songs at 3:45 am, & off-on lots after 7:30 pm. On phone saw what may have been a juv. on line to N.W.
7 June Loud singing 70' SW at 8 am clear
10 June fog Singing at 5:30 am

[illegible]

[illegible]

21 May [illegible]

[illegible]

16 May 5:59 pm [illegible]

[illegible]

[illegible] 7:50 pm [illegible]

[illegible]

Turdus mig.

10 June
5:28 pm fog/breezes/sun 1 singing close in, have seen 2 to NW close.
13 June singing at 5:30 a.m. clear - more songs in am. 2 flying about.
17 June fog, 4:15 am 1 singing close in 9:30 found light blue egg shell on front steps. Been singing on & on all days.
26 June 9:41 am clear 1 singing as yesterday
27 June singing at 4:43 am & during a.m.
5 July 9:48 am fog still singing everyday
7 July 5:30 ± am clear 1 singing.
14 July fog singing at 5:30 & 7:45 am.
17 July fog " at 5:31 & 7+ am
29 July fog. 7:38 am 1 singing close by.
24 Aug 1/4 fog, 7:30-7:38 a.m. short bursts of calls & partial songs. Strange!
26 Aug 9:10 am patchy fog 5 from W to top of Sr. cedar & a few others to N.
8 Sept 1 in top of Sr. cedar; 1 on a lawn.
19 Sept robins now perching in tops trees
29 Nov. not in evidence in past month. 8:10 = clouds 2 brief bursts of SONGS in distance to S. First of winter.
17 Dec 2:38 pm overcast briefly 12 in top of NW elm
18 Dec 3:51 pm clear, cool. brief breezes 2 in upper 1/4 of NW elm - no calls heard first seen in awhile. Still no a.m. singing
10 Jan 98 light rain no songs since above.
18 Jan. 8:05 am clouds. 2 call/song bursts of 2 min. each. First of this year
19 Jan. 8:37 singing in distance. 9:45 am clouds, on Sr. Hino Doe. broad flock of 35+ first dive seen this winter

Turdus mig-

30 Jan
8:05 am dull overcast. loud 'tuck' calls for several min. no songs. Have noticed a few perched on utility lines & tops of trees. No flocks or berry feeding
13 Feb. clouds, 6:34 am loud calls from close in 'chip-web-web" etc. No songs
17 Feb 5:30 am dark light rain, 1 singing in distance; 6:30 ± dull light, 1 singing close in — same individual?
27 Mar Song in middle distance at 4:14 A.M. dark. again at 5:20 ±. They have been consistent since above but slowly earlier 5:30 to 5:10 ±. Robins infrequently seen — no mass feeding.
2 Apr 2:21 pm overcast. 2 flew from S to near top of NW elm, 8' apart. He seen 2's of late.
8 Apr 1:30 pm misc. clouds. 2 on sidewalk to S of my house. This is the start of "on the ground" feeding. brief views in trees.
17 Apr clear — singing at 4 am —; again at 6 at false dawn. Then stopped abruptly. 10:15, 2 ♂♂ & 1 ♀ in S. side of NW elm. Much flying about — branch to branch usually 6" from 1 to another. ♀ being chased, no ♂ fights
14 May 1 singing at 4:20 am Songs have been sporadic during day, even at noon!
17 June 4:26 am 1 singing in distance, fewer songs now, especially during day. Infrequently seen.
27 June Clear, 8:14 am 1 singing to S., not see them
30 June Sing: 7:09; 7:15 & 8:50 close in

Christman
98

Turdus mig.

3 July
11:10 clear. a ♂ & a ♀ separately (♀ first) on line 3' from oak. both flew. 4: am singing in distance. Singing off & on all day recently. So far seen no juvs.
13 July clear 1:16 pm robins flying by both well below tree level & over trees, no songs heard last several days. no juvs yet
1:31 pm brief song close in.
26 July 9:15 am Fog. Heard songs on Masonic St in Albany!
3 Sept 8:38 am clear with some cirrus half dozen songs & few "tusks"!?
7 Oct. 10:04 am Fog. 1 high (top) NW elm This sp. much more in evidence in last week +; 1 "tusking" early on 5th
24 Oct 12:27 pm after rain; 1 in top NW elm. Of late they are on high perches, quiet. Earlier I chased a dove out of elm.
16 Oct 10:09 clear, 1 on ledge looking about Scrub J in robin flew.
2 Nov. 7:30 ± am cumulus. Hear 2 very brief songs - first of season. Lately not in evidence
11:30 3 or 4 in Photinia shrub in back with large clusters of red berries
20 Nov 10 am 1 in Photinia eating red berries
4 Dec 98% of Photinia berries gone!
12 Jan 99 3:43 clear, cool; 1 2½' from top of NW elm for 15 min+. a busy quiet day.
13 Jan 12:17 pm clear, 10 in top far W elm up st.
8 Feb light rain at 9 am some "tsees". Except for above no songs thus far this winter.
15 Feb clouds - still no robin songs
26 Feb 6:20 am. brief songs in distance, false dawn

Christmas 98

Turdus mig.

5 Mar
6:45 ± am singing in distance. This year is minimal as to number of robins seen here. Singing about ± dawn nil compared to last year.
11 Mar singing in distance 7:30 thru 8 am
2 Apr 5 am ±, 1 singing close in, aberrant song, new!
6 Apr 3:10 & 8 am clouds: 1 singing in distance
7 Apr 2:47pm Fog. ♂ on line under Pittosp 10 fm house
2 May light rain singing 5 ± am. Robins now on street level with few flying over trees
15 May 4:55 am sing for next ½ hr. in distance & closer in. 12:45 clear all day. Singing to NW
19 May Fog - singing at 4:28 & 5 ± a.m.
29 May Fog, 5:15 ±, 1 singing rather close in.
2 June 6 am part fog; 1 singing close in
yesterday found ¼th shell of light blue, no spots on steps in front.
10 June 8 am clearing 1 singing; yesterday 7:45 pm
19 June clear, at 7:30 & 8:30 1 singing in distance for ± 15 each time.
22 June 5 am dark 1 singing, 5 min +, distance
30 June on 28 & 29 J. singing about 5 am in dark! Now - 12:38 pm clear & hot = one sing close in. What are the factors setting off singing - hours of day & month
11 July clear, hot, 6:30 PM a series of brief songs from dawn toward tunnel - late.
8 Nov. 9:40 am rain last night, fair w. cumulus, very brief song close in; 2 in top of N.W. elm.
1 Jan 00 fog - any about, 10 in elms & flying about - really first flocking of winter
9 Jan. 1 at Photinia in backyard in 2 weeks almost all red berries gone

Christmas 2000

Turdus mig-

26 Jan Berk
7:38 a weak attempt at a song; none heard since above! Robins have been seen infrequently this winter; no flocks
30 Jan. 11:30 am sprinkles. Hopkins & Mosley. several robins singing near at home.
31 Jan 10:12 light rain. 3 in top of up st. elms
8 Feb 7:35 am. low fog - 1 singing in distance
12 Feb 7:45 + light rain. 1 singing in distance
This year fewer robins, late singing.
15 Feb 2:27 pm overcast. From NE to SW, a wide loose "flock" of 20 robins first such congregation seen from here
29 Feb 10 am ± a loose flock, 10 ±, in up st. cedar & up st. elms - rain coming on.
1 Mar 9:15 am clear, several songs to NW.
6 Mar 6 a.m. overcast light rain earlier 2 singing: 1 to far SW; 1 closer to NW. several days earlier 1 in back to E.
19 Mar 7:36 am fog. 1 singing close in.
27 Mar clouds, 1 singing close in at 4:50 am lift of
17 Apr last week, singing 4:20 + in a.m. Last 3 days singing close in about 6 am. This a.m. 1 bathing in rain water on landing also, 1 or 2 in front yard
23 May Robins start singing 4:20 a.m. ± & with overcast sky sing during day. Last 4 days clear/hot - fed day light singing
11 June singing close in at 5 am clear
Singing off & on all day now.
2 July Fog, cool. 1 singing close by several times in a.m. Singing infrequently since above
19 July 2K singing in fog this a.m. - last weeks singing though not as much as earlier.

Christman
1988-89

Ixoreus naevius

20 ~~Nov~~ Nov., Berkeley, Del Norte St., Alameda Co., Calif
7:30 am light drizzle, heard a one note call, rather sharp with overtones. Looked out — one warbled through 10' from top of bare N.W. elm on 1/4" limb, changed branch once. A Hermit thrush landed 5' away — same level from above bird
~~30 Nov~~ 2 Nov. at first light - before 7 am above call 4 or 5 times.
26 Nov 1990 8:48 am sun, 41°F clear 1 in top of up st cedar good frontal view.
30 Oct. '91 7 a.m. clear, windy. heard that 1, note call close in 3-4 times. no see um
30 Nov 91 7:09 am heard note, close in then saw it 3/4 up w elm clear cold windy

Christman
1989

Chamaea fasciata

1.

8 apr. del Norte st. Berkeley, Alameda Co. Cal
11:30 am. 30 yds ± to N. a wren-tit called several times.
23 apr 8:30 am one sang twice close in to S.
18 May 8:30 am. calling 50'+ NW in front yard or more.
29 May 8 am one calling in back to S. not a mockingb
31 May 9:18 am " " " yard to N.
19 June 9 am " " " " to N- in back
this is the closest yet (no mockingbird)

11 as. del Norte St. Berkeley, Alameda Co, Cal
one singing at dawn yesterday am. 9 am one singing - to NW - ? They are rare in that direction.
6 May 6:15 am one singing close down the block, 6:25 more singing
15 May 8:45 am one singing down street then in top of cedar - full voice
17 May 6: am one singing close by. singing
18 May 6:15 am " "; 8:07 pm has been & is down st.
19 May 6:30 - 8:30 am sing/different areas
21 May see journal. Singing with robins after 5:30 am.
22 May 5 pm. one on 1" branch in center of oak in back pecking at leaves.
23 May Singing down block at 10 + a.m.
28 May 7:20 pm one singing in back; foggy
29 May 11:28 am one singing next door S, in back which seems to be its head quarters. 2:10 pm it has been singing in cedar for 15 minutes - loud. This bird & the house finches only ones singing. 8:37 pm singing down street.
30 May 2:10 pm singing down st.
1 June 8:36 pm singing down st.
2 June 10:08 am singing down st. I have been hearing crows last several days but I also noticed that a mockingbird was singing each time - 8:41 pm after sundown singing in short bursts.
3 June Singing at 1:42 am; at dawn & 8:20 am
5 June 9:12 am one singing in cedar - then flew high to very top of pine cluster 100 yds + to NW singing
8 June It sang last night about midnight and to day from several locations.

Christmas
1988

Mimus polyg

9 June, del Norte St., Berkeley, Alameda Co. Cal.
1:50 pm One alight on ledge - head-body & tail up, alert, and those beady eyes saw me & paid no attention; it immediately jerkily extended wings from body up & wrists out, primaries not fanned. It took the landing area & small fry (H.F.) flew into Pittos then back to line; then up into cedar - this is first time, ever, I've seen it land in the front yard. Sang last night about 2 pm.
3:56 pm Singing down St.
10 June 11:20 am singing in backs to E.
12 June 11:18 am sing to SE
13 June briefly sang during the robin dawn song. 9 am from neigh. into cedar with 2 juv. scrub jays & a towhee - no calls - then that characteristic loose jointed, floppie, flight down to SE into backyards. The wings are wide & tail limber, both flexible - flight is slow & very obvious by the white markings. Have only seen one bird at a time. I doubt if there is a pair if so they keep apart, sneaking about the edges.
18 June haven't seen or heard for several days.
21 June robins singing 5-6 am one this sp sang briefly. It has not been seen or heard of late, until today.
26 June one sing to S. first time in several days.
29 June 4 pm one sang briefly in cedar.
30 June 3:45 pm hot, singing in cedar - it incorporated the scrub jay squaks.

3 July, del Norte St. Berkeley, Alameda Co. Cal
overcast 60°F one singing down st.
as it has periodically during the week.
It has not been in yard as much in the last
several weeks – less in evidence except
for singing.
9 July 10:04 am one flew to NW low over tops
of elms. First time seen it of late. No singing
21 July on line briefly, then into Pittos for
time in awhile & no singing
23 July 2 pm on line 15' from house looking
intently down at yard, then very top of oak
& then into cedar – no calls.
29 July 11:25 am One on end of several branches
in oak looking about – it was awkward
in the leafy ends. No calls. For a week or so
I've heard a very poor immitation of
a flicker. Is the mockingbird practicing?
13 Aug one flew into top of W elm at 12:10 pm
18 Aug 12:51 pm one flew at elm top height
to NW to area NW of up st. cedar. Have
not heard any singing or calls for
some time.
23 Sept 9:17 am cool – hazy one flew from S
into top of up St cedar, peering about, flew
to NW elm – top. another in top of elms up
st. all in 1 min. & both flew SE.!!
29 Sept 9 am clear, one flew from NW (up St.
cedar?) to top of elm – no leaves –
up the St. & then to N over top of trees, etc.
an agile, loose flight, strong with
very prominent wings – probably due
to the color pattern. ~~[illegible]~~
~~[illegible] flying high overhead.~~

Christmas
1988-89 mimus polyg.

29 Sept ~~Addison St. Berkeley Alameda Co. Calif~~
1:30 pm heard at N. Berk. library one sang briefly.
15 Oct 9:39 am 5 H. finches in top of NW elm then One flew from N into tree - topmost limb - flew SE. 11:15 am again in W elms high on - 4th limb.
17 Oct 8:34 am one in top of one of W up st. elms dove steeply into yards to W.
8 Nov 10:55 am one in Photinia 10' up then to Sambucus 15-20' up. hopping about.
23 Nov. one on line 18' from house looking about, dropped into the apple tree.
12 Feb 10 am one calling, short song closely
21 Feb 9:51 am one singing to S.
12 Mar one singing at 7:30 am have heard it calling - singing lately. One seen on utility wire last week on Colusa avenue.
17 Mar 9:15 am one singing to SW.
26 Mar 9 am several singing down on Solano aven.
1 Apr. Palo Alto - in areas blocks of aunt Annes house mockingbirds singing - one every 2 blocks.
6 Apr 7:30 am one singing to S.
8 Apr this am 3:30 ± sang short bursts of song two times
20 Apr several times yesterday heard singing down the St. & at 7 am today one singing.
23 Apr 7:30 - 8:30 am one singing to S, 75 yds ±
25 Apr 9:16 am one singing wildly closely NW
4 May Last evening at dusk one singing to NW This is periodic & not consistent.
13 May 6 am one singing down St. 10:40 am one closely singing loudly.
16 May 8 - 8:30 pm one singing close & loud
22 May 9 am loud singing to S., foggy

Christmas
1989

Mimus polyg.

25 May del Norte st., Berkeley, Alameda Co. CA
10:48 am. one flew N well over tops of elms. was sing before 7 am.
31 May started a short song bout at 4:40 am in dark before robins started
during last several days 1 single flying to NE from W high over trees
27 June broken fog, 9:17 am one from NW into top 3/4 of near cedar.
15 July 11:06 am a juv. on ledge at S end of landing. small & skinny - saw me & flew up into near cedar.
23 aug one on roof in back, no call
25 aug 9:16 am clear from W to top of up st cedar then to NE flying high.
26 aug twice today heard teeb call in back yard
12 aug 12:52 pm clear. one low over top of oak from SW into N part of Pittos. no call
22 Sept. 10:36 am one from SW flew into top of an up st. elm. Then another from W flew well over same elms from SW off to NE, 30 sec. the first one flew NE. 9-12 am = 9 monarchs to S.
24 Sept 9:57 am fog one singing near to S.
26 Sept 10:15 am one flew over high.
5 Oct 4 pm warm-clear, one singing next door.
6 Oct. 11:52 am one singing next door
9 Oct 10:30 am " " " " to S.
23 Oct. 1:10 pm scattered clouds, 1 over house to W & into lower 1/2 of up st. elm (W side)
24 Oct 12:51 pm one low into oak from N then in 30 sec. into Pittos. flew N
20 Nov 3:18 am one brightly in top of up st cedar.

Christmas 1989-90 Mimus polyg. 6.

5 Dec., del Monte st. Berkeley, alameda co., caly
9:05 am fog, one in backyard chirping—calling to itself (not full song) in top of oak.
18 Dec. 10:46 am fog one over oaks to N.
9 Jan 1990 9:03 clear; one over trees S to NE
20 Jan 4:45 pm one singing close by.
21 Jan 8 am one singing close by.
11 Mar 10 am one at colusa & Monterey sts.
15 Mar dawn — good light 6 am ± one singing fairly close.
14 May 90 → 2:45 pm 1 singing in backyard
16 May 1:24 pm 1 singing to S. close in.
18 May 12:34 pm 1 singing real close (S?).
22 May 9:41 am one singing loudly — to S?
2 June 8:26 pm one has been singing its heart out in cedar — many variations.
3 June 11 am one singing loudly in front & in back.
4 June 8:30 – 10 am lots of sing close by
~~21 June~~ ~~[illegible]~~
14 June 1 singing during night & at 8:53 am.
19 June 8:52 am 1 flew NE to SW high.
27 June 10:55 am 1 from S to top up st. cedar
23 July 12:07 pm 1 flew NW over mid elms.
15 Sept 9 am 1 top up st cedar 1 min. to NE.
9:41 am 1 from N to top of up st elms — among leaves, then flew high to W.
9 Oct 9:24 am 1 top up st cedar, flew NE
12 Oct 12:30 pm the sharp one note call in back area, didn't see.
16 Oct 9:01 am 1 flying about tops of up st. elms. Then flew off to NE.
17 Oct 8:49 am 1 high from S to pines up behind Los Angeles street

17 Oct., del Norte St. Berkeley, Alameda Co., CA
4 pm 1 high in oaks in backyard - NE going
thru open canopy, sharp 'cheap' calls.
13 Nov The last week between 7-8 am
1 making the sharp, one note call to S.
8 Apr 1991 in Palo Alto 2 at Anna's place &
across St. singing & very aggressive
especially to scrub jays.
1 June 1:30 pm 1 singing to S.
1 July last two a.m.'s - 1:30± 1 singing
somewhere down the block.
30 July Colusa Ave. 1:15 pm 1 singing loudly.
16 Oct 11:15 am 1 top of up st elm for a minute
then dove down to S. wings flashing white
good look. Last week in Palo Alto it
was warm & 1 or 2 singing - none here
images!

8 May 1992 10:56 1 singing loudly close in!
11:07 1 flew fast, & low over street to N
another - ? after it (2 in a chase ?)
11:25 loud sing in backyard area.
1:20 still singing
10 May 7:03 am clear, calm 1 singing loudly
close, to S.
19 Oct thru last several days, especially
early a.m., tho not excessively have
heard the sharp typical mockingbird
call, usually to S; once in backyard.
7 Nov 3:40 pm clear 1, then 2 in top Nw
elm! several brief chases, to lower,
in tree. First thing in a.m. of late - heard
sharp call, in Palo Alto last week one
was singing!
19 May 93 clouds 1 singing in backyard; F

Christman
1993-95 Mimus palyg.

26 May
6 + am. cloudy - 1 singing loudly to S.
23 Feb 1995 several times in last several days have heard the loud one note screech call, this am in back
10 June 95 clear 9am 1 singing in near cedar.
14 Oct. 95 9:56 1 from S to top NW elm & chased by hummingbird.
29 Oct 96 12:25 pm cloudy after rain 1 in top of NW elm, preening, 3 robins in tree also.
6 May 97 9:30 am 1 top near cedar singing loudly.

Christmas 1988-89

Sternus vulgaris
= Starlings

13 Jan., del Norte St. Berkeley, Alameda Co., CA: 11-12 noon a high pitched "see-you" call loud clear. went out on porch a pair in top of cedar - the first I've seen perched in neighborhood.

12 May several have been flying over low

15 May 10 am fly low to S & back to N. over elms - nesting?, where feeding

29 Dec 8:44 am clear, cold 2 in top of up st. cedar (♂ & ♀). There was one this sp? yesterday. 8:48 am 3 on top of utility pole at circle (to W.). 9:25 am one back in top of up st cedar. This is a new pattern; what does it mean? Then 2 joined it, 30 sec. 2, then 1 flew low to N. a third (?) 2 ♂, 1 ♀ type. 9:58 a flock of about 10 circled about up st. cedar then low to NW; then flared as a flock & proceeded S. high. 9:48 am. a flock 25+ circling to NW. from S. 12 pm One high over head, swooped down to top of up st. cedar. Several flocks of 4 or 5 going SW & NE. This bird has been flying over or, today, in top of cedar. Have not seen them down lower.

30 Dec 1:15 pm lawns at M. L. King Jr. school on Hopkins robins widely dispersed & a tight knot of starlings (50±) on grass while it's raining lightly.

31 Dec 4:16 pm 1 in top up st cedar - first I've seen today.

1 Jan one calling close in at 8 am.

2 Jan 10:30 am 2 in top of up st cedar & in in W. elm.

6 Jan 2:30 pm 14 on line at utility pole at circle

30 Jan 3:32 one has been on top up st cedar 5 minutes

31 Jan 12:34 pm fog; 4 from NE into top of up st cedar. They sailed in decent, then flapped about, - flew off in 45 sec. Now 2 on utility pole at circle

Sturnus vulgaris

31 Jan Del Norte St., Berkeley, Alameda Co., calif.
3:15 pm 2 in top of up st. cedar, then joined by 2 more. (~~2 flew?~~) 3:36 and again 3:39 it flew N, low
2 Feb 8:40 am from N; 2 top of up st cedar
9:19 6 in up st cedar – 3 flew down & 6 "gee-i" calls.
7 Feb one in top of up st cedar 4:15 pm no wind.
9 Feb 4:05 pm a flock in 2 parts 11 and 15+. to E
16 Feb 8:44 am 5 low SW to NE, no calls.
17 Feb 9:14 am one in top of up st. cedar.
22 Feb 4:50 pm one in top of up st cedar.
26 Feb 8:31 am one flew up to top of up st cedar from NW, 30 sec; flew down, to NW.
21 Mar 9:35 am, fog, one on top utility pole at circle; one on line 8' away.
19 May 11:03 am clear, one in top up st cedar
2 Nov 8:30 am one briefly on top utility pole at the circle, flew S
6 Nov 8:28 am 2 in top of up st cedar.
2 Jan '90 9:05 am one top up st. cedar briefly.
19 Jan 9:32 am 2 in top of up st cedar.
21 Jan 4:27 pm "Pee-y" call; 5 top of up st cedar & flew low to N
22 Jan 9:55 am one to top of W elm then flew low to N. Why haven't starlings discovered my seed give away? Not attracted to other birds feeding. 10:11 am 1 top of up st cedar; 2 in up st elms. Then 5 flew from elms up into up st cedar, then 4 flew S.
24 Jan 8:32 am 4 the 1 from NE to W, set wings & descended near Main av.
25 Jan 10 am 1 top of up st cedar; 2 flew to NE from W; one on top joined them "Pee-you"

25 Jan del Norte st., Berkeley, Alameda Co., Calif.
4:22 pm 4 briefly in top of up st. cedar.
30 Jan 8:28 am after rain, one on top of up st. cedar - another 10' down. 9:32 at least 1 if not 2 are walking on horizontal needle clusters high in near cedar - a Steller jay pecking at old cones. 3:01 pm 1 top of NW elm, ~3' from 2 waxwings - for 45 sec. then flew N, descending, fast. I believe this is first time in this tree. No birds feeding here. 3:32 pm 8 in tight flock descending low from N to area across st. a shower everything else undercover.
31 Jan. have heard the "see-you" call off & on all day - close - starling in cedar? 4:20 3 or 4 flew NE-SW low. They are getting closer.
20 Feb have seen flying etc everyday (about), 8:30 am. 3 crowded together top up st. cedar.
7 Apr 9:17 am 1 high in cedar flew 3-4' to catch a falling pigeon feather, billed it & flew E. haven't seen many of late. So is the feather nesting material? 9:18 2 flew N from high in cedar; 1 had something in bill. 9:46 am 2 came sailing in on fixed wings from SW in broad arc into top 90' of near cedar. 1:29 2 from W sailing into top near cedar.
8 Apr. 12:27 pm several times 2 to & from top of cedar.
11 Apr 8:31 am. 2 in short flights about cedar & to N, NE. 10:03 one decended very sharply from N into N part of oak & is foraging on outer edge of canopy. 10:18 1 near top of oak in

Sternus vulgaris

11 apr., did roost at Berkeley, alameda co., calif (cont) outside of canopy. They too seem in apr in thick foliage - this sp. seems to stay on outside of the dense canopy - cf. House sparrow also foraging in oak 1:25 1 near top at end of vertical branch. 3:59 pm 1 N part of oak on top of canopy, clambering about.

12 Apr ± 10:50 saw 1 top upper cedar several flights N to S, S to N past my view over elms etc. 2:53 pm 1 in oak feeding on outer canopy. Flew N after 1 min. another from N. - it flew N also. 2:55 1 from N to oak. 2:56 it flew NE. 2:59 1 back to oak - there are 2. 3:04 - one flew N with a small - 1/2" green larvae in bill. Feeding young? 4:40 - 2 from N into oak & disappeared. - guess they flew - one came back at 4:43 - clambered about flew N at 4:44 -

13 Apr. 8:04 am 3 clambering about oak, extremely active, whole branches move. 8:07 - 1 flew N., then another. one back at 8:08; 09 1 to N., 8:10 two back from N. 8:29 2 feeding in oak - they are large enough to walk between leaves, etc. and shake leaves. 8:30 again 3 - 2 flew in from N. & then 2 to N 8:31 one in, one to N.; 8:35 one preening in top of NW elm briefly. 11:54 2 in for several minutes each.

14 apr 1:50 pm first one seen today from N into upper part of oak.

15 apr 2 pm 2 have been coming to oak from N.

16 Apr 9 am 1 into oak, have been House Sp. all am. 9:01 one 1, one in, another in. 9:03 1 flew S.

Sturnus vulgaris

16 Apr., del Norte St., Berkeley, Alameda Co., CA
Both the starlings & house sparrows are concentrating on the larvae in the oaks, persistantly with repeated trips to & from which indicates probably that they are feeding young! These are exotic species & apparently like the oak tree moth larvae, which other sp (the natives) are not concentrating on. Also, these 2 species are are nesting - young & other species are not at that stage yet. 9:11 2 in top of oak, another starling flew from SW over house to NE. 9:18 2 feeding, another came in & still another from SW to high in NW elm. 9:28 1 starling from low in NW elm to top of ivy covered utility pole across the st. then returned to NW elm. 11:21 one from NE to top of up st. elm; promptly joined by another which flew N after 20 + sec. 11:22 first bird flew down to yards to S. out of sight. 12:09 2 flew to SW from N 50' apart. 2:26 pm a starling flew from oak to ledge - for the first time to my knowledge. It had a 1/2" larvae in bill - looked at food, hopped down looked about. It appeared that it had conflicts - it wanted to try food but did it want to put larvae down. then flew back to oak.

17 Apr. first in before 7 am. at 8:44 combing about lower oak on NE side.
1:52 1 in oak.

18 Apr 8:39 am 2 from N sailed into cedar, one to top of oak. 8:41 1 flew N.

Christmas 1990

Sternus vulg.

20 apr, del Norte St., Berkeley, Alameda Co., calif
8:58 am 1 from N to N corner of oak - first this am & first in day or two.
23 apr 8:19 am 2 from E into top of N Wehu then down into lower N pair of oaks.
25 apr 9:53 am have been 2 about the utility pole at circle. Now 1 6' on wire & 6' from pole — perched erect, & flapping wings laterally. 2:21 pm same again.
26 apr 9:01 am 4 in top of up st cedar with scrub J 40" below (it was on top!) do starling have dominance over J.?
11:11 am 1 on pole at circle & TV area, vertical body & lateral flapping wings.
27 apr. 8:50 am 1 top pole at circle, erect flipping wings, another flew to it & they flew down to trees S of circle. Singles flying high to N — an old pattern.
9:10 back doing it more! 3:20 He is at top of pole now & has been off & on all day.
28 apr the bird is back flipping its wings on pole, wires & now a lower wire near a tree.
29 apr individual back at utility pole & on top up st cedar (two in top about 9 am) misc. birds flying over, no consistent pattern. 3:51 1 flew into high E side oak, foraging.
30 apr 8:20 am 1 into top of oak 9:56 am 1 flew N. Haven't seen one so far today on pole to W at circle or in top of up st. cedar - of course its a windy day. 9:57 1 flew N with something 1" long dangling from bill

1990-91 sturnus vulg.

30 apr., del Norte st., berkeley, alameda co. CA am impressed that this sp. is obvious-ly feeding young. This seems to be an early start — exceptions: doves with 3 jays & 1 house sparrow. 4:03 pm another ave N with a big 1" x 1/2" thing in bill. Same as last year.
1 May a few flying N; the guy has not been displaying on pole this am. 12:29 pm 1 from SE to top of up st cedar.
2 May 8:16 am 1 top pole up at circle. 1:19 1 plummeted into oak from N. 1:22 back clambering with no grace on top of canopy. branches wiggle & twitch when it gets under the canopy.
3 May 9:04 am 1 in top up st cedar.
4 May 8:55 am 1 top of up st cedar. 9:52 am 1 clambering on my side of oak. 9:54 2 flying high to N.
5 May 10:29 am 1 to top of pole at circle briefly.
19 Sept 1 top utility pole at circle, at 9:04 —
24 Nov 8:05 am clear from hi, 8 into top up st cedar.
6 Jan '91 10 am flock of 15+ NW to E
11 Jan. 2 S to N at 1:15 pm,
16 Jan. 9:06 am 3 + 2 in top of up st cedar, 3 flew down to N. Then 4 on 1 branch of farthest W elm up the st.
18 Jan 10:30 am 1 top of utility pole at circle.
23 Jan 9:16 am 1 top up st cedar.
24 Jan 9 a.m 1 to N low thru elms, 1 mason top up st. cedar.
1 Feb 3 low to N at tree height.
2 Feb 9:43 am 8 flew into top of up st cedar.
5 Feb 8:40 am 2 in top up st cedar, then 2 more

Christmas 1991

Sternus vulg.

7 Feb., del Norte St., Berkeley, Alameda Co., CA
9:45 am 3 in top 10' of up st cedar. So far this week they have been in evidence? The cedar & flying & lots of different calls.

18 Feb 9 am clear; 1 4' from top up st cedar.

19 Feb. 8:20 am 2 in top up st cedar

3 Mar about Berk. Hart. Mulberry Lawn Hopkins St. at 1:45 flock of 100± on powerlines – this is rare!

10 Mar 8:50 am 3 in top up st elm.

12 Mar 8:23 am light rain, 1 a wave call "see-u", etc from near cedar – can't see lots of robins about 8:53 a robin waxwing feeding frenzie – about 6 flying over oaks, momentarily to top of Pittos, then to W elm. Then 2 (+?) to ivy berries where waxwings are feeding en masse on pole across st.

15 Mar 8:27 am clear cold 2 in top up st cedar, & 1 - 15' lower. Earlier 3 flying below elm height between oaks & elms.

9 Apr 8:19 am 2 from E to top up st cedar 3' from robin. 9:38 1 high in NW elm, wiping bill.

18 Apr 10:40 1 low over house into top section of oak – a repeat from last yr? 4:08 1 in oak climbing about

19 Apr 10:35 1 top up st cedar. 10:40 1 on top oak branch N side, 3' above line. 1pm in oak again

26 Apr 4:01 1 in high N part of oak pecking into leaf castens

6 May 11:20 am 1 top up st cedar, briefly. 11:21 – 1 top utility pole at circle.

31 Aug haven't seen any this summer!

Christmas 9
1991-92-93-94 sternus vulg.

21 Sept, Addison St., Berkeley, Alameda Co. Cal.
7:51 am 1 calling from high in near cedar
9:23. 1 from N into top of near cedar.
16 Jan 92 10:16 am 1 top of up. st cedar.
22 Jan 10:17am 1 in top up st cedar.
1 Feb 9:27 am 2 in top up st cedar.
5 Feb 10:38 3 in top up st. cedar; scrub J flew to tree landed 4" below them.
17 Feb 93 9:57 am clear, 1 top of up st. cedar, dark - shining.
~~[illegible]~~
30 Mar clear 8:57 am 3 flying about - landed at end of ~~[illegible]~~ cedar branch, peering about

Christmas 1987 Bombycilla cedrorum 1

7 Oct. del Norte St., Berkeley, Alameda Co., CA
3:30 pm clear, cool breeze, what appeared to be first flock, rather high E to W about 18 birds.

26 Oct. high clouds, sundown. about 16 flying to NW. suddenly turned & to W.

29 about 8 in Elm up street, in as a flock -
4:26 pm 16 as a flock came into West elm near top - close to a robin; minute later all but one flew off. 4:51 p. 11 flew S

16 Nov. 2:14 pm cloudy 20 at least have flown into elms from E low over house singly - fast, erratic flight, not as a group.

20 Nov. none for several days. after rain (heavy), 9:45 light rain tight flock of 12-15 going N. high.

30 Nov. 1:31 pm. 15 with 5+ robins landed in top of cedar up the street. They do fly with robins in this light rain.

4 Dec 11am flock of 20 ± in a tight flock 150' in rain. 3rd = similar size flock turned at right angle together & dove into trees to S.

11 Dec. 11 a.m. clear cool - a flock flying low over at "del Norte court" berry bushes
12 pm half dozen in oak - some "flycatching" not in canopy - under it. also, flying to Photinia under the oak, 8' high. more flycating from perches (up to 2½" diameter) in the oak, plus "hawking" or gleaning from leaves while in flight, brief hovering. They are in Pittosporum also - perching. Lots of activity in area today. Going thru yards to berry bushes, no "flock" unity.

11 Dec. del Norte St., Berkeley, Alameda Co., CA
unless frightened. up street & at side
walk 2 short cotoneasters with
robin & several C.W. but none
in a near by Pyracantha. must be
about 30 birds flying from the
3' high berry bush up into elms or
a pittosporum, just S. of house at SW
corner of the circle.

17 Dec. 9:30am clear, cool. a flock of about
40+ from NW circled wildly & split
in half — to S and other to W.

18 Dec. see cooper hawk

27 Dec 12 pm cloudy sprinkles. flocks
flying about 15 to 35+. saw this a.m. a
big group in sycamore tree flying back
& forth to a juniper tree — berries?

2 Jan. The last several days have only seen
modest flocks (12-20) flying over.

13 Jan 8:43 am clear - about 30 ± in elms
to W & SW flying down, to S, to feed. These
resting — a few robins about. Also
CW & robins are in the shrubs near door
Cotenaster & Photinia. 9:30am now 150-200
in neighborhood, many 75 yds W on del Norte
court. They are resting in elms exclusively
(not in oak or cedar). They fly fast & wildly
three trees, back & forth between feeding
shrubs and perching trees (elms) as small
groups or individuals. Loud noises will
frighten 30-50 to fly to another tree.
A few have landed in the cedar and
a perhaps in the oak — not my side of the tree.
Frequently a cluster of 8-12 close together
for some time, more often rather evenly spaced

Christmas
1988

Bombycilla cedrorum

13 Jan. del Norte St., Berkeley, Alameda Co., calif.
Feeding with robin on pyracantha next to street at entry way to del Norte court; noon a fair number in cedar now most resting some are flycatching under the branches.

15 Jan. 10 am cloudy at least 75 in a bare tree 50 yds S. of my house, perched on nearly vertical branches (ginkgo ?)

23 Jan one small flock of 9 from W to E high at 9:30 a.m.

29 Jan. 1:17 pm a flock (real tight) to W flying N high — the first seen today

6 Feb 3:21 pm clear - high clouds about 12± flew to NW in zigzag course, medium height — first ones seen in awhile. Why tight flocks?

8 Feb 12:20 pm 2 in top of NW elm looking about; ~~they~~ flew to SE over house.

12 Feb 11:20 a.m. a flock of about 20± flew into top of elm across st. to W cedar many robins flying into my cedar, etc. Much flying about, then most flew high into cedar. Then most flew to E and five left in top of same elm — they did not feed on the opening buds in the elms. 3:22 pm more C-W coming into area all the time, but still more robin activity than this sp. 3:32 pm the air & neighborhood is filled with robins & waxwings

13 Feb 9:25 a.m 6 with 11 robins in NW elm - 3+ robins in W elm. They flew a group of about 30± flew in an irregular, languid flight joined another small group & flew medium height to the NW at 9:55am

19 Feb., del Norte st., Berkeley, Alameda Co., Calif.
3:58 pm one flock - 15 ± over - first today. no robins
20 Feb 12:45 so far 2 small flocks have flown over
21 Feb 1:35 pm one flock of 15 ± to S. It's been a robin day with only several small flocks seen
22 Feb fog; 9:51 a.m. several flocks: 75, 40 ±, 30 ± flew N infront of house to NE to Pyracantha N of pine trees up Los Angeles st. - same as yesterday. Flocks keep coming into that area - joined by robins - 9:54 a sudden flair from that area - 200 - 300 waxwings and a 100 robins as suddenly all is quiet.
Waxwings leaving an area - from fright are fast, somewhat erratic in flight. They can also sail, all with wings motionless. 9:01 another wave 300 - 400 birds flying past. Waxwings keep on flying, now, 15 + robins in tops of trees 2, 3, 5, 9 in tops of trees, and way over head flocks 10 - 30 waxwings wheeling about returning to area.
26 Feb 4:40 pm a flight of 30 ± flaired over SW.
4 Mar. None of late; not even small flocks
10:55 am 15 in tight flock from W to E undulating lazy flight. 11:50 am about 10 in tight flight landed in top of up st. cedar for 45 sec. while goldfinches are milling about. I have not seen waxwings join the goldfinches in flocks, nor come in & feed on samaras of the elms. Many flocks of five to 20 are tight and fly in unison even when turning at right angles. Again flight calls - function?
15 Mar. 8:50 am. for first time in weeks small

Christmas 1988 Bombycilla ced. 4.

15 Mar., del Norte av., Berkeley, Alameda Co., Cal. flocks of 8–12, moving into elms & out again. 10:12 am single near top NW elm with several goldfinches.

19 Mar 10:55 am one lone C. Wx. in top of NW elm with several goldfinches which went down 10' to feed on samaras – have not seen this sp eat samaras

21 Mar. early am a flock of about 10 flying NW

22 Mar. 3:30 pm a flock 2 blocks N of house went into bare popular tree – 12 ±.

23 Mar. 4:57 pm a flock to NW about 25 – undulating (up & down) and swirving to left & right – erratic. 150' ± 5:05 pm 14 flew into top of NW elm 8 with in 4' of each other 2 – 6' away, 4 – 10–15' away. a few gold finches milling about. Several flew to N part of tree – next to oak. one raised its crest 5:09, 3 flew to N 5:20 gone, but not as flock

24 Mar. 1:53 pm group of 8 flew E fast.

25 Mar 8:22 am There has been several small (–10) groups flying about – mainly to NW. not tight fast flocks – very undulating flight. 12:01 pm a flock of 20 ± from E over house suddenly dove 15' & levelled out & disappeared to SW. 12:17 pm another small group (8 ±) to NW.

26 Mar 3:54 pm about 20 in a strung out flock flying to NW. 4:01 about 15 out of W over head, slow undulating & low

28 Mar one flock to NE at 7:45 am. 8:59 am a flock of 15+ into W. most bare elm up the street. Some milling about confused flights of 4's & 5's. they probably don't like this wind.

30 Mar., del Norte St. Berkeley, Alameda Co CA
8:20 am clear N wind a broad flock of 20 + — some into W elm some up St. elms from SE — against the wind. 8:31 am several flocks up St - at least 40, some flying low others into mass w of elms. 10:01 am flock of 12 flying low at treetop level erratically to NW.

31 Mar 10:01 am about 20 into up St. elms — those with fewer leaves, low between trees, against the wind. In their undulating flight all pulled in wings at same time into trees (elms). 10:28 am 12 ± to S. low fast; then a flock high 50 + swirling in a broad arc, generally to S.

1 Apr 7:30 am 6 small flocks flying NW. 11:12 am 6 flying SE well above trees. 1:18 pm about 15 to SE 30' above elms. 3:46 pm about 12 came in from N low & landed in W elm among leaves — frightened?

3 Apr 3:44 pm fog about 40 + in a tight flock into a bare ginko tree down the St.

6 Apr 8:20 am several smallish flocks flying about — circling no pattern of direction. 8:41 am 2 in top of up St cedar — rare! flew

8 Apr 10 am small flock low to SE. 1:48 pm a flock of about ten flew from NW slow and 10' over the W elm to SE. Their undulating flight is characteristic — in tightness & lilting rhythm, not unlike music. 4:50 flock 8 + to NW very high.

9 Apr 11:34 pm about 15 to NE from W, turned into the wind & completely dispersed — disappeared.

9 Apr. del Norte St. Berkeley, Alameda Co., Calif.
2:40 pm about 20 to NW 5:30 about 15 flying NW leisurely & on a broad front (wide i.e.) non typical flight
10 Apr 9 am a 100+ in trees & doing down to feed in area E of corner of Hopkins and Sutter this is my block - about 75 yds to south of my house. They are here in numbers - still.
11 apr. small flock to S. minute later 2:08 pm a strung out (wide front) flock to NW low.
12 Apr 10:28 am 60-75 flock rather strung out flying just over tops of elms to NW. at 3 pm saw about 50 on Monterey St. They had a broad front & split up into groups. 4:44 to SE about 30 against the wind, slow, almost languid more descending glides than fast flight. The entire flock undulated, almost bounding.
13 Apr. 4:25 pm cloudy about 25 to SE high.
15 Apr cloudy 10:02 am a broad disjointed flock to NW, well over elms, about 20+.
16 Apr fog - several flocks 10-25 ± tight & then broad - about 50' over tops of trees. 2:44 pm about 60+ few low over house to E.
17 apr 10:39 am 2 flocks to SE 18 & 12. a flock of at least 35 low over house to NW in good wind at 2:12 pm.
18 apr :4:21 pm 2 flocks - 35 @ ± descended in a leisurely way - individuals undulating slowly - bobbing on a broad front, determined to land to W? behind W elm - - so languid, relaxed
19 apr 11:50 am in about five minutes 5 flocks: 30±, 25±, 30±, 75± & 20± flew ~~out of~~ W-NW low stread out, purposely as if looking for a spot to land.

19 Apr., del Norte St., Berkeley, Alameda Co. Cal
Since this sp. shifts to insect food in summer do they delay leaving until they are sure there are insects? have about insectivores? warblers, etc.
23 Apr number of smaller broad flocks flying in all directions.
25 Apr 1:56 pm small flock to S — bright sun.
28 Apr broken clouds — one small flock to N.
29 Apr windy, a few cumuli - 15 to N erratic flight
3:39 pm 20± flew to W over house.
30 Apr one flock 15± over house from W.
1 May — 10 ± to S at 4:08 pm.
3 May 4:23 pm 4 to N, 30' above trees, leisurely
7 May 9 am heavy rain last night on Spruce St to Tilden park saw 3 flocks 15, 30, 40 ± on utility lines all hunched up.
10 May 11:58 am 6 to S. clear, nice day.
4 Oct what appeared to be a flock of this sp. from N to S over elms - undulating flight — about 12 or 15. right size.
10 Oct. 5 flew by, this sp?
11 Oct. 8:30 am driving back from breakfast — flock of ± 15 high — 1/2 mi SW here
17 Oct 8:45 am. flock of 8 flew S to N well over tops of trees. Saw a flock in Palo Alto yesterday in a berry bush. No large flocks yet. 9:47 another flock of 10. 9:26 am flock of 7 to NW well over tops of trees. undulating. 9:48 am - flock of 12-15 circling to NW.
25 Oct what looked to be this sp. 5 or 6, 200 yds W undulating flight, decended into trees.
12:03 pm fog = about a dozen in W elms up st. perched 60'-70' up in a small

Bombycilla ced.

25 Oct. del Norte St. Berkeley, Alameda Co. caly area of small branches. Some are flying up & down from trees or "del Norte count" area = "Count"

28 Oct. 9:36 am a flock of 12+ & 3 robins flew in swoopingly into up st. cedar top. There is fog up & down coast & inland with storms far N. Does this cause send wintering birds south?

1 Nov 10:20 am flock of 25 ± pass to NW fairly high; many slow turns - undescribed

3 Nov 1:15 pm from N to SW low, undulating a flock of 12 ±; 1:25 from N about 30 slow & low to SW down Marin St. lots of robin activity before & after. 2:01 about 30 flew in to NW elm in top 15' among 3 robins. all very erect. Then they started readjusting flying to other parts of tree & 4's-5's to E & other elms. In few minutes only half of original number & all robins flew off. 2:10 still lots of flying between NW elm & E & some to W elm. In backyards around Photinias & cotoneasters with red fruit. 2:15 only 10-15 ~~pr~~ left in elms — then 10+ flew in from E. One did a flycatching manner, 2:34 about 25 in elms. many from E, a flair of new birds in several flocks joining - relanded in top of elms — now 45+. 2:38 another flock of 20 flew by & these took off, so 3 flocks 20, 15 & 45 whirling & finally flew off. None left at 2:38

4 Nov 11:35 am one in top of W elm. Single bird & fly catching over elm & oak, returns to small branch in top of three 70' up.

13 Nov group of 13 to S light rain/wind first in a week

Bombycilla ced.

21 Nov., Del Norte St. Berkeley, Alameda Co., Calif. a flock of 20 + flew from E below level of elms to W. The flight is direct, fast & they change direction instantly

22 Nov 12:58 pm several flocks 12-15 flew by
23 Nov 9:42 am 2 in top of W. elm all alone.
8 Dec 8:39 am 2 (10 ± & 13) flocks W to NE.
~~[illegible]~~
23 Dec 8:39 am high overcast. a flock of 18 ± over high. This sp. has been far & few in between this fall. No large flocks either flying by or in trees so far. Then the numbers of winter have not arrived yet. No concentrations of robins either.
29 Dec 12:43 pm a flock of 15 out of E, circled, to NW. The undulating flight, tight grouping and quick turns is very characterist of this sp.
2 Jan 10:46 one in top of W. elm - a small flock of robins ~~feeding~~ up the St. 2:33 pm - 10 in NW elm 50' up & feeding on shrub up st. Not many & no "flocking".
3 Jan 4 pm 7 flew in from S into -10' from top NW elm rather windy.
28 Jan 11:47 am flock, high to N, about 15. 4:47 pm sunlite high fog, 12+ from high, NW into up st cedar for 30 sec then flew E; fairly tight flock
30 Jan a small flock of 8 or 10 dove very fast into trees across street at sharp angle. 20 sec later a cooper hawk out of W. over oaks, around cedar. - 30' from me.
2 Feb 3:14 pm 10+ in tight flock, low N to S below level of elms.
7 Feb 1 pm clear breezes; 15 ± into top of up-st cedar
8 Feb 12:20 10 into top of up st cedar with 3 robins.

Christmas 1989 — Bombycilla ced.

10 Feb., del Norte cr. Berkeley Alameda Co., CA
11:36 am flock of 30 E to W, then N. The flock spreads out after a turn into a tighter group. fairly high.
13 Feb. 3:50 1 in top W. elm.; 4:28 pm 9 to SW from N
1 Mar Robins started gathering in N W. elm & W elm, lots of singing — light sprinkle. Then suddenly cedar W. appeared — about 10+ in elms — Both robins + waxwings are feeding on Photinia & Cotoniaster in nextdoor (N) back yard feeding & flying to elms to digest it & sing. 25+ robins & same # waxwings — much flying about
9 Mar. Same robins on a broad front from W - very strung out. Then very open flock of waxwings — the biggest I've seen this year at 2:08 several hundred.
16 Mar a flock of about a dozen, low N to S.
21 Mar. fog, 8 in W elm — 2 to 10' apart.
9:34 am all flew S.
25 Mar. Twice during cloudy periods saw flock of this sp. 15-20 in first flock; 8-10 other.
28 Mar. 8:05 am a flock of 40± broad & ill organized W to E Has been raining -
8:20 another flock to NE 15±.
31 Mar at 8:15 am 8 in a bare tree down the block & a flock of 7 flying W. Yesterday several small flocks.
1 Apr 4 pm small flocks on Hopkins 4:50 16 in top of W. elm + a house finch & a robin — low overcast
3 Oct 9 am flock of 12± S to N fairly low —
8 Apr. 4 pm to Kensington: flocks of 20± to N.
12 Apr. 8:28 am fog flock of 12+ W to E low.

Bombycilla ced.

13 apr., del Norte st., Berkeley, Alameda, CA foggy, 10 am flock of 15 on Hopkins st, 1/4 mi. SW. 4:59 pm fog – about 14± went down beyond up st cedar, tight flock

16 apr 3:28 pm high clouds – first 15± then 30± flew N to S at tree top level, fast.

18 apr 12:13 pm fog 2 flocks of them (10 then 30) in disjointed flock flew from over house to N just over Pittos ~~road~~ to W then around W elm, lower (20'+ lower than top of that elm) – very fast & coordinated flock maneuvers – escape? from what? all to SW. 12:18 pm another flock of 15+ over NW elm to S & dipped 20–30' lower as continued S. red-tail over 200' up to E. about 20 in NW elm at 7:14 next flew S.

21 apr after early am rain, 8:27 flock of 15 E. to SW just over tree tops.

29 apr 7:08 pm cloud cover, a flight of 10± to E low

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14 Sept 9:30 am fog – a flock of 10+, fairly open flock, undulating. right size, but couldn't tell species.

28 Sept fog 8:40 am 15 medium height, from NW

3 Oct. 8:03 am clear, 12± out of NW, 100' above trees

14 Oct 12:36 pm fog flock of 12± from E to NW

20 Oct 11:30 am flock of 15 low, cloudy.

22 Oct 8 am flock of 15+ cloudy.

23 Oct 2:57 pm 10+ fast low from Newhams to SE
3:40 another flock (12±) low & fast N to S.

24 Oct. 9:58 am clouds a broad flight of robins with a flock (12+) of waxwings N to S.
12:20 a half dozen in elms up st. & flew down to area I can't see – Last winter feed on berries there

Christman 1989

Bombycilla ced.

26 Oct., del norte st., berkeley, alameda co., calif
8:53 am flock well over trees (12+) to NW.
1 Nov: 8:26 am flock 18± rather high to NW.
4:06 pm 2 house finches flew into NW elm followed by 16 waxwings + 2. preening on limbs 6"–1' apart. house F. 10' away. waxwings moving limb to limb. Their individual distance is close! Then a lone robin joined them – 6 flew to new perch 6+' from it. Robin flew followed all but 2 waxwings. flew in 45 sec.
3 Nov 9:28 am a tight flock of 30+ high from NW to SE. flying in close unison and one flair with yellow bellies flashing.
9:53 am a flock of 15–18 from SE to NW rather high, but more spread out & flock bobbed & weaved, the flock undulates
6 Nov 9:49 am about 20 saw flight fairly high overhead SW to NE; minor undulation
13 Nov 1:59 pm fog – 19 near top, S side of up st elm – 4 flycatching flights 10–20' away from the tree – 70' up.
14 Nov 2:30 clear, a rare lone one (top) up st elm
17 Nov 3:45 3 top of NW elm; one flycatching
21 Nov 10:02 am a strung out (25 yds) flock of 30 ± rather high overhead to N. leisurely
10:04 larger flock – over 40 NW to E higher & flaired several times, tighter flocking
22 Nov 8:43 am fog high, 12+ tight flock high to N.
1:55 pm tight flock of 40+ circling to N.
23 Nov 2 flocks by in a.m. – small – 20, tight flights
25 Nov 9:08 am light rain, flock 40+ to S.
28 Nov 3:42 pm breezy, flock of 12 low overhead
2 Dec 2:06 pm 15 to NW whole flock undulates

5 Dec., Ellsworth St. Berkeley, Alameda co., Calif.
9:23 am fog - a flock fairly high from E to W at first compact, then on a broad front which split, one NW one S. Flock of 40+.
7 Dec. first in several days 9 to NW in tight flock erratic
9 Dec. clear, moon often in bush in front & next door & 1 + in oak on leaves branches - have seen none in elms, etc. Next door to N - in back yard several 15' tall cotoneaster shrubs loaded with red berries.
12 Dec. clear 8:26 am. cooper hawk in top of up st cedar. A flock of at least 100 to NW & suddenly flaired to N — saw hawk? Largest flock seen so far.
19 Dec 9:05 am fog flock of 50 high overhead wheeling - entire flock undulates & changes direction; fairly tight group.
28 Dec 9:10 am clear - windy, 12± milling about in loose knit flock, many changes of direction
16 Jan 4:47 pm scattered cumuli flock 15 to NW
no large flocks seen; this is first sometime
19 Jan cool, high cirrus all day, wind in pm
have seen several small flocks fly by.
22 Jan 10:29 am 8 into top of NW elm with 2 robins & house finches — first seen today 10:34 — 8 robins, 15+ waxwings.
Some in cotoneaster in neighbors back-yard. In elm - 2 next to each other & twice something was passed bill to bill & another 5' away had red berry in bill.
28 Jan 10:09 am flock - 15± NW to E rather high.

29 Jan., Del Norte St., Berkeley, Alameda Co., CA
9:46 am robins have been feeding in cotoneaster in back yard with only a few waxwings. Then suddenly waves of disjunct flocks of waxwings from NE have descended to area SW of here each flock over 50 below tree level must have been at least 300 & flocks flying high to NE also. as suddenly they disappeared leaving about 20 robins in the elms & up st. cedar. Then another flock of robins decended — about 40. 9:51 about 100+ flew off to S, leaving 21 in tree tops & all of the few waxwings.
30 Jan 9:36 am have been small flocks with robins in all elms in view. Flying down to area across st. out of my view. Robins & waxwings feeding on cotoneaster in neighbors backyard to E. 10:20 a.m. suddenly all robins & waxwings gone from elms, etc. why? 1 pm a fairly heavy shower — 40+ in elms, all hunched up.
13 Feb middle of day — clear, breezy cool — a few small flocks flying past — no robins about see recent robin accts
14 Feb 2 pm clear windy. about 12 in low from S into top of most up st. elm. only several small flocks today.
15 Feb about 30, joined robins in elms between 9:30 - 11 am. Then departed. About noon robins back & several waxwings flocks into W. most elms up st.

Bombycilla ced.

Feb., del Norte St., Berkeley, Alameda Co., CA
Then suddenly about 40 flew low to S. Then circled to W gaining height & joined by others - were about 200' high and about 60 now with robins mixed in & all flew to S. No sign of a hawk. Nothing by 12:30.

20 Feb 1:12 pm unusual tight flock 12-15 from SE to NW with several sharp turns

22 Feb 8:20 am Many waxwings & robins about, especially in W most elms - S side 60' up - 100 to 150 flying down to the "del Norte St." area - back & forth. Robins 8 in N. elm, 2 up St. cedar & 25± in elms. Some singing. Robins feeding also - This is a rare feeding frenzie during a high pressure period. 8:43 most robins flew to E. Then 50+ waxwings flew E. 8:48 all gone. a flight of 50 NW to SE. higher than trees. 9 a.m. no robins, no waxwings.

25 Feb 9:08 am. first flock (15±) W to SE, 1st seen in several days.

28 Feb 3:30 pm several small flocks then a very tight flock of 75±; then a loose flock of 150+.

8 Mar 10:23 am partly cloudy. 12 in a irregular zig-zag course E to W, 100' above trees. Each bird as an undulating, up & down flight, but overall effect is that an entire flock also bob & weaves in a unique manner for a flocking bird.

10 Mar 10 am light rain flock of 20 first of a.m.

Bombycilla ced.

10 Mar., SE corner, Berkeley, Alameda Co., Cal.
few seen lately. still red berries on
Pyracantha up & across St. 3:27 pm
about 18 flew past & landed in up St. elm
out of sight.
11 Mar 10 am. small flock at cotoneaster
at Monterey & ~~Colusa~~ colusa Sts.
15 Mar 8:55 am 5 over from W fairly
high, flared to S. My impression this
year is far fewer in numbers and
no really big feeding flocks. still
red berries on pyracantha next to
side walk up St. 12:53 pm 8 fairly high to N
1:04, 11 to N high for waxwings.
16 Mar 11:27 am 8 into top of NW elm the first
seen today. Several larger dozen seem
to be eating ~~samaras~~ first time I've
seen this - I believe - 11:29 2 left, then
flew off. Immediately 15 flew into NW elm
11:31 am 2 high resting on bare branches
others flew into thicker part of samara
growth & feeding rather heavily. They
frequently fly to more samaras in
reaching distance. 11:39 they are still
there with much shifting of position. Its
grab & tug. Some are quiet. With low berry
bushes its fill up, then fly to a high perch
to digest now they are already high. 11:53
can only see several. Waxwings are easier
to see among the samaras than goldfinches
darker & larger. 12:43 pm 3 flew E; all gone.
17 Mar. 8:44 am med. height about 12 to NW.
19 Mar noon - 1 small flock to NW.
20 Mar. 9:19 am flock, ±12 to NW well over top
of elms

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Bombycilla ced

21 Mar., Del Norte St. Berkeley, Alameda Co., Cal
9:33 am 8 in top NW elm. There are still Pyracantha & cotoneaster berries about the neighborhood. 4:18, a fast flock low from N - about 12-15. 4:53 pm 12 in top NW elm with 1 robin. They are changing position after eating samaras 10' down. 4:55 they all flew S.
23 Mar 8:22 am 15± to N.
24 Mar. about 30 over house low & lit in W. part of up st. elm, at 11:28 am Fog. widely dispersed thru tree 70-80' up down to feed on shrub next to st. on N side at 11:46. Then more in from S and a bunch of goldfinches into nearby trees. No waxwings feeding on samaras noticed. 11:50 about 20 flew NE leaving a number. 11:52 a big flock fairly low from E to NW, split & about 15 plummeted down to join those in elms
25 Mar. 11:29 am - 10 over trees to NE - fast.
26 Mar. 7:10 am flock 50± low & fast to SW
28 Mar 8:14 flock of 20 into top W. elm
8:16 ~~[illegible]~~ flock of 50 + 75' over trees flew into flock of 4 bandtails - absolute confusion!
31 Mar. 9:48 am fog 15± flock, W, to N.
9:51 am 6 top of up st. elm - flew S low.
3 Apr 4:12 pm 2 in top NW elm - flew E then back together
4 Apr 3:42 flock 25± to NW, much wavering &
5 Apr. 8:31 small flock 6-8, low over house to W. 12:44 pm 1 lone soul among samaras another 1 in W. elm 7' from top.
6 Apr. 10:41 am flock of 10± circling about to W.

Christmas
1990

Bombycilla ced.

6 Apr., del Norte St., Berkeley, Alameda Co, CA
1:26 pm fog-overcast. a loner in top of NW elm. 1:32 a very yellow goldfinch flew into top of NW elm & scared waxwing which flew down 8'. gf is 10' away. alert - ? skinny & crest laid back low now, 1:36, hunched up, crest ½ erect & fuzzy in rear portion. 1:37 flew down & E low over house. 1:44 flock of 18± tree top level to N - compact & direct no undulations. 1:45 another flock to N more open & undulating & flaired E 1:46 about 25 sailed in directly into top of W elm. More in so 41+ and above to W. a larger open flock, joined by more from NE to NW - about 60 - a lazy 50 yd spread to this flock. 1:52 flock of 10+ dropped steeply from E into W. portion of up st. elms - there were several flycatching sallys of 15-20' to S & return to elm 60' up - 4:51 a brief flurry of a flock, 8+, into W. elm. 5:00 more of same.

7 Apr 1:22 pm 9 about top of NW elm.

8 Apr 4:59 pm small flock high to S.

10 Apr 9:45 am 7 overhead to W; 2:47 just back - broad flock, 75± to NE, split NW & E.

11 Apr 8:23 am 4 in top NW elm. joined by 15 more. 8:25 - 8 in area 3' wide, 8" to 14" apart. coming & going. 8:35 4 in same & several among dry samaras on S side of NW elm, 8:36 flock of 20+ to NW rather high. 8:47 - flock 30± fast, tight to S just over oaks.

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Band-tailed Pigeon cont. [Bandtailed cont.]

12 Apr. Old Waite st., Berkeley, alameda co., cal to NW - at 10:19 am 10 to NE.
13 apr. 6:47 pm against sun, about 10 into W. elm. zig zag, lazily into
14 Apr 4:52 pm 15+ descended up st. elm top.
15 apr 2 pm flock 15± circling high overhead
16 apr noon, overcast a flock of 30+ birds turned & landed in bare tree 200 yds W behind the utility pole at circle. they have been flying down - they seemed large at this distance for waxwings, but haven't seen any robin flocks for some time. This is an open question. 12:45 pm until a few minutes ago single birds flying up into this tree. now none. One small flock of about 6-8 to N about 12:20. 12:50 4 in most W elm up the st. high & S side.
17 apr 8:32 am overcast - a very large, broad fronted flock 75+ from overhead - 25 landed in 2nd elm, Flight was slow, leisurely, bounding 100'+ over trees 8:39 a few going & coming from high in NW elm, etc. they pick branches 4'+ from leafy ends - all flew fast & low to S. 1:18 6 into top (leafy) of NW elm - They sailed in on fixed wings, to break just before landing a short flutter.
18 apr 9:40 am fog, broad flock 20± NW. high
3:13 about 12 flew S from top elms up st.
22 apr cloudy, periodic light rain several more flocks to W. 3:33 flock of about 35 from W circling, flaring lazily to NW. Then very fast from N under elms to S. a hawk 3

22 apr., del Norte st., Berkeley, Alameda Co., CA
3:44 pm. from NE 15± in slow motion
fluttering down 30' above up st. elms to
land in densest part 70' up. very light rain
23 apr 9:30 am so far 3 small (under 10)
flocks wheeling about.
25 apr 2:32 pm a long strung out flock
of 19+ from S over elms to N. almost lazy
like. Is this late for waxwings?
2:40 a loner in top of NW elm. It flew
with what appeared to be 3 others to to NW.
26 apr. 11:06 am 10 in tight flock, fast to NW
below tree level.
27 apr 10:49 am about 10 flying N (off to W)
slow undulating. 11:23 flock of 15 fast
low to NW overhead. 3:25 to S 8± decending
4:05 15± low fast to NW.
29 apr 9:46 am flock low 25' above oaks
to NE - could see yellow tail stripe.
9:51 several flocks descended into leafy
elms up st - total of perhaps 18±. 11:08
a strung out loose flock over elms &
under them to S. don't seem frightened.
11:47 occasional, 2-3 to S, low. 12:59
one flycatching between inner major
branches of NW elm 70' up. 1:47 windy
several small groups, fast over tops
of trees, eratic - sudden turns in direction
or into high portion of up st. elms or to
S, low. a strong gust of wind with upper
portions of elms weaving - about 10
flew S & low. 3:18 another 15± piled into
top of up st. elms - still windy. 4:08 about
25 flew up from S into up st. elms. 4:17 10 hi to N.

30 Apr., del Norte St., Berkeley, Alameda Co., CA
8:18 am 10+ high, from E lazily drifted down to top of up st. elms. a broad flock of 40+ out of W to overhead to E rather low & split S & E. 8:39 another loose flock of 15± to SE from NW over tops of trees. 8:43 10+ flew up from S into up st. elms — this is winter berry eating pattern observed before.
8:54 another flock 10± into the elms from low W. 8:56 a lot flew low, fast & suddenly to S from elms. 9:13 another drifting open, broad flock from W into elms.
9:29 another flock into elms from S. 9:43 10± to NE. 1:12 a few attacking the pyracantha shrub on the curb up the street! 1:14 8 high to NE. 1:16 about 18 fast over trees W to SE. 2:31 6 wheeling about finally descended to S. 2:35 from low S, 18-20 leisurely up into elms. 3:11 traffic noise - at least 25 to N from low S - a few to elm mass, N hi.
4:05 in last half hr. many smallish flocks 7-20 periodically flying off to N, now 15+ decending to SW where they must be feeding. The numbers are confusing - 20 birds maybe flying in circles around me. anyway - it has been an active day for waxwings. But not the big numbers at one time, or a feeding frenzie as in the winter. Is this late for departing?
4:30 10 in a tight flock into middle branches, up st. cedar.
4:33 15 filtering thru top branches of NW elm, 20'
6:56 15-20 out of elms to S.
1 May several small flocks over & S from elms.

Christmas 1990

Bombycilla ced.

1 May, del Norte St., Berkeley, Alameda Co. CA
10:55 am 9 from low S over elms to N. Present but in not the numbers as yesterday. 10:58 1 flycatching 50' over elm, returned to elms. 10:59 another sally 70' S of elms & 150' up! repeated stalls & pursuits 11:14 2 very high over area S. of elms - another flock from S into top up st. elms. 3:10 pm 15 ± high into up st. elms 3:42 about 20 flew S very fast from up st elms - cooper hawk - brown flew over well above tree level to SE - no reaction
2 May 8:24 am 2 over trees to S; 8 ± from W into up st. elms. 8:46 small flocks, under 8, into elms & also departing. 8:49 about 20 from N, tree top level, leisurely flight & same from elms joined going S. 10:12 15 N over elms 3:03 flocks 18 & 20 ± out of elms to E. 6:15 pm 10 into elms.
3 May 8:23 am small flock tumbled down out of foggy sky into up st. elms. 8:25 more coming in, then many flew off to SE, 4:06 flock 10 + into elms & more flew thru elms to E. 4:19 12-15 NW to SE strung out laterally & the entire group had a wonderful lilting, rythmic undulation. 4:34 flocks depart leisurely & others plunge in - how much actual turn over is there?
5 May 4:08 about 15-20 S from elms, leisurely first noticed today! 5:11 pm 10 to N fast, low.
6 May 10:33 am 12 to N in undulating low flight
8 May, 8:46 am flock 12 + W to E rather high - 8:47 about 8 low into up st elms, higher branches
9 May 12:30 pm small flock to S off to W.

9 May Del Norte St., Berkeley, Alameda Co., Calif.
12:40 about 10 into tops of up St. elms
1:50 flock 10 ± to W flying fast in wind.
2:42 pm flock of 30 ± to N, off to W.
10 May 8:23 20 ± flying N - off to W. 6:53 pm
a huge mass, swirling at maximum up to W.
- 50-70, conservatively all going N.
13 May 9:35 am broad flock of 12 + off to NW
rather high going NE.
14 May 10:30 am 8 S to N over elms, fast.
15 May 7:55 am 12 ± in undulating flight E to W
16 May 1:31 pm 10 out of elms, circled to N.
19 May 12:20 pm 15 ± undulating flock well
over elms N to S!
20 May 9:41 am light rain tapering off. 4 into
top of NW elm from S. 9:53 am 8 high to N.
21 May 4:03 pm small flock off to W.
22 May 9:31 am flock of 12, fast out of N to SW
2:54 pm 3 low NE to SW 3:52 dark sky, 15 ±
out of W low to E just over the house.
23 May 8:39 am 10 to N over & behind elms to NW.
11:04 12+ in lazy flight from NE over elms
then to S. 11:31 flock 20 ± to NE low. 2:51 flock
of 20 real close in front just over oaks to SW.

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13 Sept a huge surprise! 7-10 sudden
from high to land in leafy top of NW
elm - good I.D. Does this mean an
early winter?
22 Sept 11:28 am 12 to W high, undulating (?)
13 Oct flock of this sp (?) 12 ± rather hi
from SW to NE, rather casual flight.
15 Oct 10:24 am 7 high bobbing flight
descend into top of W elm.

16 Oct., dd Waste st., Berkeley, Alameda Co. CA
1 near top of up st. cedar.
18 Oct 8:31 am cloudy, flocks of 15± bouncing along to W, slow
25 Oct 9 am 12 in loose flock to E down on Solano ave.
29 Oct 1:58 pm 17 high to NW, lazy broad flock
30 Oct 3 pm cloudy 12± tight fast flock from N turned & lazy decent into top up st. elm.
4 Nov about 10 feeding in bush tops & flying up to top of w elm to digest & shit on neighbors cucumber.
12 Nov 9:09 a.m 13 in top NW elm 9:16 still there - same fly catching. Same 6-8" apart. 9:35 they flew to 9:56 they are back!
16 Nov 11 am overcast, windy several flocks - 8, 15± flying fast, erratically at & below tree top level.
23 Nov 11:10 am 1/2 mi S of campus coming back into town, flock of 30-40 100'+ up in tight flock pattern & flying erratically - sharp turns. Then a large accipiter (cooper?) appeared 75'+ below them
26 Nov 9:41 am 1 near top of w elm - all alone!
27 Nov 11:23 am clear cool calm out of S in front of me, 100+' up flock of 45± to N then turned in unison & yellow bellies flaired brightly & flock compressed together & turned to E over me at this window.
1 Dec. 3:26 pm clear cool flock of 18± W to E
5 Dec 11:17 am clear, flock of 18±, tight NW to E, 200' up.
10 Dec 10:27 SEE Robin acct

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1990-91 Bombycilla ced.

18 Dec., delNorte st., Berkeley, Alameda Co, CA
10:55 high-cirrus sunny - about 35+
from NW just over trees, loose, leisurely
19 Dec 8:45 about 15 from E into top of ap
st. cedar briefly. 9± am 32 in top of W. elm
- all hunched up. Then a dove from
roof suddenly flew within 10' of the
flock of wax wings which flew hysterically
to SW, low & fast.
29 Dec 1:59 pm 1 flock 12± off to W to N fairly
tight, all undulating. Not many lately.
31 Dec 12:44 pm bright sun, cool, flock of 12±
rather high & tight, undulating, from W to E
2 Jan 11 am. 18± in loose flock, fairly hi
W to E,
3 Jan 10:21 am overcast, a broad loose
flock of 20± E to W high - very erratic
flight with deep undulations. 12:54 pm
2 broad disorganized flocks from NE to W,
high part turned S - 20-40' between birds
6 Jan 10:32 am overcast 2 flocks W to E
first tight 12+; other 20+ broad, entire
group undulating abruptly but straight. (path)
11 Jan flock of 20+ into redwood down
the st. No feeding concentrations so far.
1 pm overcast quite suddenly they are all
over - most in top of W. elm, but also
high in cedar & a few in NW elm. Flying
in every direction - 1 down from line
to Photinia which has a few red berries;
even some in oak & Pittos. Probably
between 20 - 30 birds and about 5 robins
Seems to be chaotic, no consist. pattern
of beh. 1:33 a few more have flown into

11 Jan., del Norte St. Berkeley, Alameda Co. CA
1:33 the Pittos. — ? why ? have never seen them after Pittos. berries. what was the effect of the big freeze on berries ? 1:48 20 ± in W. elm & move from SE into NW elm. flying in all directions again 1:55 now lots in back — 5 and in the cotoneasters in neighbors yard to NE. These guys fly extremely fast. 2:43 a few flying into middle of oak & a few out - overcast is getting lower. I was out for ½ hr. — lots of C.W. shit on my car! 2:56 an old pattern — group flew up from across St into up St elms. — same berry bushes on Del Norte Court. 3:45 — 4 or 5 in W elm. only 4:10 waxwings are gone leaving a few robins. The number of waxw. 40+
15 Jan at 8:50 am in thick fog — 20+ in up St. elms. Gone by 9:30. 10:20 broad flock out of NW to E; then 12+ into top of up St. elms where 2 robins perched high. 10:22 more passing into up St elms from high. 10:24 - 20 more passing in high; then 10 more. Much moving about among trees. A few robins flying down to S to berry. W.W. to tree next to mast w/ house up St. 10:27 - 17± down into tree. Birds perching high pull in more which are passing overhead — potential food source. 10:28 all flew; circling high about 30 descended again to top of up St elms. 10:50 am no C W W or robins. 2:13 pm 25 ± W to E in a tight flock.
22 Jan 9:50 am broad flock 30-40 circling then same to up St elms

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Bombycilla ced.

22 Jan., deHaarte sr. Berkeley, alamedale., CA and top up sr cedar 10 & 10. flew off.
23 Jan 9:26 am flock 15± SW to NE rather high & compact. 9:27 another flock 20± wheeling to W spread out then regroup & compact to E 1 robin incidentally with them it to SE, 9:49 am clear two times this a.m. small groups high into the elms – near tops first 3 birds, now 5. 10:50 clear, several flocks (10+) W to E rather high & broad units.
2:23 pm a flock 20-30 suddenly shot up behind up sr cedar – fast, broad front then turned NE & quickly became a compact flight to NE. scared by hawk? they can wheel, or flair very fast quickly.
24 Jan 8:50 am have been several flocks rather high, 8 to 20+ in size lazy flight flocks not compact. all SW to NE. 1:52 pm several flocks – over 25 flying over in past half hr. strung out – not tight.
27 Jan scattered heavy fog; flocks of 10 – 20 over
29 Jan 9 am have been 3 small flocks of under 15± and 2 over 35+ 9:17 am 1 in top NW elm flocks to NW – 8 then broad loose flock of 40 – the singleton remains.
1:45 a broad flock of 50+ from NW, turned to a broader front then circled in to a tight flock dove down. Then 35 over house to SE. 4:03 a tight flock boiled up out of W & immediately broadened to 150 yds across with at least 60 birds – fairly high (200')
31 Jan a few small flocks this a.m. then abruptly 100+ with robins in broad front, low to S.

[illegible]

[illegible]

31 Jan., Sdwater St., Berkeley, Alameda Co., CA
10:37 first flock to land — 20 ± in far up
sr. elms & 20 robins in trees. 10:42 a
wave of robins low from N — then all
waxwings about flew S & east. These 2
species like to mill about. 11:24 suddenly
a flight 100+ waxwings & some robins out
of S & then NE over house. A flock of 40 ±
to NW low & very erratically. The flight
was broad & only relatively fast.
1 Feb. 9:48 am first flight from N - spread out
40 + with number of robins. 10:14 another
broad flight of first waxwings - 50 ± then
some robins out of N. to S. rather low.
10:17 a large cooper hawk out of N to SW
— is this the reason for the flight of
waxwings? 150-200' high. 10:39 2 robins
3 ww top up sr elms - first to land this a.m.
— a sudden flight of 40 ww out of NW low to SE.
12:09 pm - another burst of ww flight from
N in 2 parts - high, disjointed, curved to
W, only a few robins. 2:42 flock of 50 burst
out of N low, to E. Flocks to N now with about
15 in elms. Much flying about today ww & robins
2 Feb 9:50 am already have been small flocks going
over in all directions - only a few in elms - 1 large
flock from N at tree level to S. 60 + with 25 +
robins — typical fright panic flight
— 5 minutes later a hawk N to S gliding off
to W — sp.? too big. 10:03 a smaller flight
from NE, circled both robins & ww into elms
& heavily into up sr cedar. 12:40 broad flock
of over 100 disorganized to W with [illegible]
1:11 another 100 + flock SE to NW, high, broad, fast.

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1991

Bombycilla ced.

2 Feb, del norte st, Berkeley, alameda co, CA
4:28 getting darker 1 lone 1 in W elm 8' from top
3 Feb off & on all day, no concentrations in trees. 4:21 a flight of 80+ with 50 robins out of N to S. saw 3 robins high - wait to see if there is a hawk.
4 Feb SEE ROBIN Acc't. 1:13 pm overcast - 30 ± in top of st. elms. Sp. coming & going in varying numbers alone & with robins in viewing area no large concentrations
SEE ROBIN Acc't
5 Feb 8:38 am clearing 2 fast, low flights from NE about 50 each - only a few robins the went S then turned N in a broad loose formation - 12:15 first big flight from W 250 ± yds broad, to E, high,
9 Feb low fog several flocks (15-20) flying about
10 Feb 8:30 am heavy fog. many ww & robins in backyard & trees behind me. 10:30 none
11:23 am fog - 43 side by side on 3 + branches of W main elm - S. side. Their individual distance is in inches 3" - 1'! much closer than robins. They have been stationary - no flying about or down to berries. up to 6 on 1-1/4" branch of 36" ±. 11:31 all but 2 flew 50 yds W & into another bare tree.
12 Feb 8:43 am several flocks have flown over
2:01 flock of 2 circling to SW & 6 landed in W elm, 2:11 3 flocks circling overhead; total 50+
2:55 a few flying in & then oaks & into Pittos just a few about - minus 10.
14 Feb a few small flocks, 2:52 larger flock 50 ± broad, not deep still birds 12-24" apart - closer than robin flocks.

Bombycilla ced.

15 Feb, Old Harte St., Berkeley, Alameda Co., CA
9:53 am on a broad front 30± out of
NW overhead, leisurely flight first
of a.m.
16 Feb 12:38 pm about 15 low over house fast!
& landed in top of oak. 12:41 they flew off to S.
Was this an evasive move - have seen
no hawks.
17 Feb few until 9:47 am Then several leisurely
flocks 50, 20, etc broad disjointed. These
flocks coalesce & split up. They are flying
about - probably looking for a foraging
group - will join robins - 10:04 a broad
flock (50 yds) of 50+ from NW - then saw
cooper hawk very high to NW circling
The waxwing flock split in half - to S
& NE. Well over trees - not hysterical.
20 Feb since above have only seen occ. small flocks
21 Feb 9:10 am 12 into top of up st cedar; so
far this a.m. 1 flock.
23 Feb 4:30 12± top of W elm feeding on samaras
26 Feb 8:30 - 9 a number of small flocks
with robins out of NW - 1 flock of 50+. 1
single in top NW elm.
27 Feb 1:47 light rain flock of 75 N to S, then
another 40+ NW to E. have been small
flocks most of day. 2:26 50± from S to NW in
light rain. 3:29 another flock 50+ to N.
3:37 small flocks into up st elms & suddenly
all flew S - wildly & closely packed together.
28 Feb 8:30 on utility line Colusa - Hopkins
at 200±. Now just occasional small flocks. 10:07
flock 25± WNW to NE over tree tops. 1:13 large flock
- 75+ on line at circle & flying S.

Bombycilla ced.

1 Mar., del Norte St., Berkeley, Alameda Co., CA
flock of 150+ flying about bare trees 200 yds W, later 10:59 darker sprinkles flocks 15 to 30 flying to NW in gusty winds & the large flock to W milling about periodically - Flocks tight, fast & very direct flight 3 have been various small flocks, then 1 of 100± treeheight to S fast & wheeling against the wind.

3 Mar 12:15 pm so far rain all morning & no waxwings then now: very light sprinkles - 1 broad disorganized slow flock from W - it was 50± then split = to N & S. Then another flock of 35 fast rather high to N. 3:13 sun out - about 70 on S side of up st. elms densely packed, much flycatching then mass flew SE in a tight flock, fast
SEE Accipiter cooperii Acct 3:20 pm

4 Mar 9:40 2 flocks off to W both 100+ each flying fast initially compact then to string out 150 yds & unechelon then split into smaller flocks to E

7 Mar 8:38 am a flock of 15+ over from SE they lazily drifted down toward top of elms up the st. Suddenly they veered to S in a compact group & dove down; then a scrub J flew thru elms from S. I think they "thought" the J was an accipiter coming at them - I saw a Cooper's H. here earlier this a.m.

9 Mar 9:50 am cloudy a few small flocks - mostly high. none in trees. 10:49 several 100 flying about, mainly from S. Then saw 2

18 Mar., Del Norte St. Berkeley, Alameda Co., CA
cont - habit of association - ? after all they feed together. mutual assistance
23 Mar 9:37 am overcast fast, tight flock of 60 NE to SW. Seen few last several days - only small flocks, no local feeding.
24 Mar between storms 10 - 12 a flock of 50+ to W. wheeling over trees & landing in up st. elms & on utility lines. This species is readily identified flying as a fast compact flock and Perched. They are very stream lined, smooth and tapered, especially breast - belly to under tail feathers. Their feet - tibio-tarsus small, delicate so unlike jays. when alert on lines & tree tops they are tall and slim, upright.
26 Mar. overcast small 10-20 + flocks, not many tho.
28 Mar. 4:12 several flocks 15 + circling broadly to W.
29 Mar. 2:25 pm flock, 18 ± W to E tree height. 3:57 a flock of 25+ appeared 50' over trees from NE slow, leisurely flight & decended like rather fast snow flake into bare tree beyond circle. 4:26 10 in NW elm mid section - 70' up loafing - not close together.
31 Mar. 1:29 flock, 18 ± from N in a very fast & tight formation to S & dove down between trees to S. Typical escape! Earlier a flock of 12+ high overhead in slow flight, decended, leisurely, slowly with grace into trees across st. behind oak.
1 Apr cloudy, 9:32 flock of 80 ± over head to NW normal flight.

[illegible]

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Bombycilla ced.

3 Apr., del Norte St., Berkeley, Alameda Co., Calif
9:16 am 1 high in elm up the st.
5 Apr 9:20 am clear, 1 high in an up st. elm
6 Apr 9 am overcast, flock of 60+ sw to NE over trees.
9:52 15+ high in NW elm - clear & windy.
8 Apr 3:38 pm 3 top of NW elm with pr of H.F.
11 Apr 8:49 am 10± to N in tight flock.
15 Apr 7:57 am about 6 into top of an up st. elm
8:21 flock of 15+ N to S through up st. elms
low.
13 May 3 pm ± flock of 15± over Solano Ave.

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20 Sept 9:48 am fog a single on vertical top limb of W. elm. crest & all.
14 Oct 10:33 am clear 2 in top NW elm - 1 with a bright red berry in bill 1:42 what appeared to be a flock of 10-15 this sp. low over house to W. all characters.
15 Oct 3 pm flock of 10+ over to SE. 5:38 clear 9 from NE & high into top up st. elm
22 Oct flock of 10-12 into top near cedar.
25 Oct 10:06 am overcast flock 8± with 2 robins & H. finches near top of NW elm.
30 Oct 8:20 am clear flock 10± high to NE.
6 Nov. 1:05 so far 3 small groups in trees & over trees - 2, 8, 10±. no "in numbers."
14 Nov 8:13 am clear, windy, cool. Flock of 8± into middle height up st elms. 9:02 a flock of 25+ wheeling overhead from NW descended steeply into top of 2nd elm across st. - tight flock, less than a foot apart! 9:04 others flew in; suddenly all flew to NW & gained altitude - about 40+, circled high. then a cooper hawk F.F.→ from SE well over trees - all quickly disappeared

Bombycilla ced.

15 Nov., del Norte St., Berkeley, Alameda Co., Calif.
9:36 am clear & windy - scattered small flocks into up st. elms. Never stay long.
2 Dec 9 am 10± into top of w elm.
3 Dec 8:40 am clear, calm small flocks into up st. elm - in tops & spreadout, with half doz. robins a few flycatching flights from tree tops.
13 Dec 3:35 pm clear, breezy 3, then 6 in up st elms. Only small flocks (-10) seen lately, so will activity in past 2 weeks.
7 Jan 9:51 am overcast & drizzle. flock 20+ high S to N.
19 Jan 2:33 clear & calm 15+ high to NW
28 Jan 4:03 5 into near top of NW elm clear calm two robins 8' higher in top at 4:07
29 Jan 4:28 pm flock of 15± S to N at cedar height
31 Jan 2:31 pm sunny 2 flocks, W & high = 15; 40
3 Feb 4:51 pm clear & calm 9 in top NW elm with 2 H. finches & 1 J (scrub).
13 Feb See Robin Acct warm. are minor so for this year.
14 Feb 10:05 am light rain 17 in tops of up st elms - in clusters, 10" + apart. 11:23 rain wind flock 30+ W to E high 12:21 - 40+ in S part of NW elm 30' from top. some 6" apart
16 Feb 9:51 am lots with robins to Cotone-aster shrub in yard 70' south (2 doors down).
17 Feb overcast, sprinkles 8:30± am flock of 60 to SE overhead, high, constantly changing direction
19 Feb 2:38 pm rain a flock of 40+ NE to SW high over neighborhood, twisting & turning in unison. No other bird activity.
3 Mar 11:06 am scattered clouds flocks of 12± circling well over trees to W. Not many this yr.

Christmas 1992

Bombycilla ced.

15 Mar., del Norte st., Berkeley, alameda Co., Calif.
9:37 am sprinkles, flock of 20 ± into top of up st cedar.

18 Mar 1:58 pm flock 40+ wheeling overhead. There are still red berries on pyracantha up the st. & on cotoneasters in back. This is not a warming year!

22 Mar 10:08 overcast 15 ± high in NW elm several cluster inches apart to 10' apart.

24 Mar 10:20 am overcast. 40+ in up st elms & cedar to cotoneasters in del Norte court and the Pyracantha at side walk — much flying back & forth. 10:38 20 in NW elm down, to S. across st.

28 Mar 11:01 am sunny a flock 20 ± into W. elm

30 Mar 10:44 am overcast flock 40+ W. over area then to S. lower. Then, see now 37 in S. part of farthest W up st elm, 50'+ up.

1 Apr 12:14 pm clear flock of 12 W to SE tight

7 Apr 9:38 am 12 ± in NW elm among leaves 30' from top. 4:10 pm clear flock 12+ fast N to S beyond the circle.

9 Apr 3:19 pm fog flock 50+ fast, 60' over trees N to S. very fast, tight then broke up. earlier 12 ± low tight flock fast

11 Apr 10:30 am overcast - wind 7 into top of up st. elms. 10:48 flock of 60+ from E over head & sailed down to cotoneaster on del Norte Ct., then more from N came into same area. 12:44 20 in broad undulating flock NW to SE, tree level.

23 Apr 12:26 flock of 15 ± treetops S to N.

27 Apr 3:35 pm hazy clear hot 10 W to E 75' over trees.

12 May noonish saw 10 fly into tree near Solano ave

Christmas
1992-93 Bombycilla ced.

13 May
overhead at 10 am, 12 to NE well over trees.
2:33 10± overhead to W low & fast & erratic
24 May 1:20 fog & windy - flock of 15+ low
over elms to N.
1 July clear, sun, 10:30 a small (5+) tight
flock fast to SE overhead. This sp.?

21 Sept 12:21 pm a small flock, W-E & 2 in
top NW elm (12:23 8-10 in top NW elm).
12:30 several flycatching sorties.
23 Sept 10:50 am clear, 1 top NW elm.
2 Oct 8:23 am clouds flock (30±) circling
overhead.
12 Oct clear 9:37 2 in top of NW elm.
14 Oct overcast a.m. small flock high.
15 Oct 9:27 am fog 30+ top of elms
9:54 flock flew S, circled & returned
at least 50. There is an advantage
to perching high - can be seen so
attracts others - singles & other flocks
- this besides digesting berries
& shitting. This congregation is
the first sign of 'winter behavior'
10:43 none about!
17 Oct 2 pm flock of 15± over trees,
now at 2:32 one 1 top NW elm.
3 Nov clear, cool, N wind several small
flocks 7-15± over trees, not high.
31 Dec 10:05 flight with robins from NW
overcast, light sprinkles.

6 Jan 93 11:47 am 30 into S part of NW
elm - high; light rain & wind. tight flock
21 Jan 10:54 from NW flock of 20± have
seen few flocks thus far this winter
30 Jan 9:30 am small flock - lots of wind

9 Feb
9:55 tight flock to high in NW elm for 30 sec then to N. Numbers are way down this year.

26 Feb. overcast small flock to elms at 10:40 Few this year

25 Apr 6pm high haze cedar took to be a flock of 40 ± NW to SE high. typical flight

22 Sept 12:26 pm clear, a.m. fog. a flock in NW elm - high, flew S — 15 ±. Have been individuals flying to E & branch to branch - impossible to see in still thick shade - tan leaves fly & act like wax wings, tho impossible to positively identify - 3:48 another flock - fast, erratic

25 Sept 11:29 am clear suddenly from NW elm & NE flew a flock 15 ± plus lots of singles flying fast & low to S.

4 Oct 4:25 few clouds 4 in top NW elm

9 Oct 10:24 am stratus single top NW elm

12 Oct 10:10 am fog flock of 20 circling rather high then to N.

8 Nov: 8:55 am clear tight flock of 12 ± fast over trees N to W to S.

17 Nov. 12:25 pm overcast (shadows) 7 in top NW elm.

2 Apr 12:50 pm overcast. Cirrus Ave. high. a flock of 40 + wheeling high! ♀

11 Apr 9:54 am clear a lone one on 1" branch in mid part of NW elm 80' up.

6 Oct 94 clear 14 + in top area of W. elm ♀
10:57 short flights in tree top, preening; 18 ♀

13 Oct 12:25 clear. 6 or 7 from E to (10'-) top of sr. elm.

23 Oct.
on Solano & here by 11 am 3 flocks
1-over 20.
1 Nov 2:09 pm clouds tight flock of 25+
N to S just over tree tops.
7 Nov 10:23 clear 7 into upst. elm; with
level in tree.
19 Nov clear 9 am 15 ± in top NW elm.
25 Nov clouds 11 am about 15 in top NW elm
& flying to berrys next door to N.
14 Dec. 1:34 Rain flock of 70 ± tight
NW to S. Have been infrequently.
31 Dec 9:51 overcast, wind tight flock N to S.
over tree tops, fast 25+.
21 Jan 95 2:05 overcast some lite rain
about 35 in top of up-st elm & several
in NW elm with 15 robins.
22 Jan 95 2:52 light rain 45 ± in top part of
NW elm. robins in other part of tree.
26 Jan 11 am clouds several small flights
(~15) this am. now 50+ in top upst.
• elm.
30 Mar 9:02 am clear 2 in up st. elms.
23 Apr. 12:54 pm open flock (20 ±) to NW, typical
erratic flight (1 flock seen in Palo Alto last Satur.)
24 Apr clear 5:59 flock (15 ±) to NW, erratic
30 Oct 12:20 pm fog ? flock of 20 ± to SE high, rather
5 Nov 8 am fog. 7 flocks - 30 ± in upper 1/3 upst. elms
16 Nov 9:30 am fog. 25 ± near top of up st.
elms not feeding 5 robins in nearest elm.
Dec 9 fog 10 ± am on Colusa Ave flock 50-75.
5 Feb 1996 3 pm clouds flock of 25+
to W at Hopkins/Alameda. First in awhile
17 Feb 3:10 pm clouds - flock of 20+; tree tops

28 Feb.
12:12 clouds, flock 25 ± to N over treetops
15 Apr 2 pm ± in albany, many clouds, 20 ± in tight fast flock low, erratic flight.
31 Oct fair w. cumuli, sunny 10:20 am a small flock (-10) to up st. elms, much flying about top of trees, several high flycatching flights. This first of winter!
20 Nov 1:30 p. clouds in top NW elm.
7 Dec. 3:01 pm clouds flight of robins (15 ±) from NW & tight flock of 20 waxw. to SE
15 Feb. 4:08 pm 50% cirrus/stratus; blue a large flight from N with robins. at least 100 waxwings, several flocks circling then gone. most I've seen for ages.
16 Mar 1:04 pm light rain. tight flock of 15 ± N to S between trees.
19 Mar 9:25 am overcast small flock to S. over trees
22 Mar 9:45 am low fog. flock, 15 ±, N to S not tight.
26 Mar 10 am Fog small flocks low trees up st.
1 Apr 12:41 pm clear, cold, winds. 20 ± in wild flight tumbled down to lower branches of up st. elms.
1 Nov 97 10:28 am clear, 1 flycatching from oak
4 Dec 8:10 am overcast flock of 12 in tight cluster S to N decending.
16 Jan 98 9:46 am overcast. a tight flock of 20 ± over tree tops near library on Hopkins St. Have seen no concentrations at berry bushes by either C. wax. robins last several years!
19 Feb 10:13 am light rain, 11 near top of NW elm, buds now out.
Mar 2, 98 in Palo alto flock 30 ± eating berries of Privet

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Christmas
98

Bombycilla ced.

5 Mar.

12:21 pm light rain a flock of 25 ± in wild gyrations from E to W just over tree tops.

3 Apr. 1:21 pm clouds, light sprinkles, flock of about 15 swirling down to elm up St.

19 Apr. 10:12 am towering cumuli, cool. a flock of 20 ± over tree tops to W, NW.

17 Apr 9:12 am almost clear. 1 on top of NW elm

28 Apr. 2:05 pm clear strung out flock 20 ± from NW to S over trees. Saw another flock in a.m.

30 Apr 10:31 am Fog-clouds strung out flock of at least 40 well over trees to N from SE. typical flight pattern.

1 May 10:53 am windy clouds flock of 30 ± wheeling over trees, rapidly to NE.

3 May 1:21 pm clouds, small flock in top of leafy NW elm & making flycatching flights over street at tree top level all flew S, low, perhaps 15 to 20.

4 May 1:2A pm clouds; flock 35 ± to SW, tree top level

7 Nov 1:10 pm clouds, 5 in top of NW elm, for 1 min. then to S. high. First of season.

30 Nov 12:57 pm rain, tight flock (15 ±) high to W.

25 Mar. 99 10:18 am clouds. flock rather high 15 ± rather high, compact. 10:41; 1 near top of up St. elm - 1:02 pm 16 into top of up St elm

15 Apr. 2:48 pm cirrus hazy / sun. 15 ± N to S fast.

12 Nov 1:05 pm part clouds; flock 13 ± rather high flying to NW — i.d. flight pattern. 1:07 flock 30 ± low over tiles to E. i.d. sure

4 Dec 3:51 pm few cirrus 12 ± into top, NW elm

7 Feb 2000 8:30 am Fog flock of 25 ± near Salano ave.

Christmas
2000

— Bombycilla ced.

8 Feb
9:18 am lowfog - Flock 25 ± in top of NW elm
- briefly; flew to S.
8 Mar 9:50 am overcast. 1 12' from top of
NW elm with samaras just out!
25 Mar 3:10 pm cirrus, 2 in very top of NW elm.
28 Mar 10:18 am overcast. large fast flight
65 ± N to S. in 2 clumps. largest this year.
3 Apr 9 am fog. tight flock (15 ±) to NW.
9:32 large flock in & out of top of NW elm
over 50!

Dendroica petechia "yellow"

20 May
4:24 pm hotday, ♂ in good clear plumage in canopy, short flights between branches

Christman
'87-88

Dendroica coronata 1.
audubon

30 Sept del Norte St, Berkeley, Alameda Co, CA
♀ plumage foraging in Elms in front 3pm
the first of the fall
3 Oct. several in Elm to W., many warblers
19 Jan 11am clear, one ♀ in top of W. elm
'88 19 Oct. 9:38 am one flew into top of W. elm
in winter plumage. first of the year.
5 Nov 9:10 am scattered clouds - ♂ in top of the
NW elm bright yellow throat.
26 Nov one light one in NW elm 3:03pm clear cool
14 Mar 1989 2:06 pm clear, cool, one
out of oaks to line 12' from house, then
to the ledge to look about, not fright-
ened by house finches squabbling
at the D♀ feeder 5' away, then it
flew N. ♀ type plumage
31 Mar 11 a.m. ♂ in oaks foraging well within
canopy for 2 minutes then flew into upper
branches of W elm. good looks then.
12 Oct 11:05 am fog ♀ (yellow throat) in top
of NW elm briefly
11 Nov two winter plumaged birds high
in elms, very active before 10 am.
16 Nov. one in near cedar & up st cedars
in mid am. 11:15 am ♂ winter again NW
elm.
18 Nov 9:38 am have seen 10+ more in NW
elm, top 1/2, changes perches often yellow
rump very evident.
19 Nov 9:04 one from S into mid area of NW
elm changed perch often. It just occurred
to me - I have not seen this sp. foraging
in the oaks - always in bare elms. 10:15 am
2 in W part high in NW elm - flew to W elm, one
into near cedar frequent change of perch

1989-90 Dendroica coronata "auduboni"

~~20 Nov, Ed Monte St., Berkeley, Alameda Co., CA~~
~~8:24 am 2 in up st. elms & in W. elm~~
~~they seem to be much more active~~
~~- flying from perch to perch than~~
~~townsend warbler.~~ have been one or
two in elms only off & on all day - is this
'migration' or winter pattern.

21 Nov 11:52 am one 45'± in NW elm on small
branches & 4" branches. very active. 11:59
hopped 4' along 3" near horizontal branch
& in twigs. moved - another 2-3" branch.

23 Nov 11:35 am ♀ on line 10' from house
then flew down into apple tree which
is still fully leaved out. This bird
seemed to be in oak for a few minutes
& Townsend w. in oak also as well as
bush-tits

27 Nov 9:04 am one in elms up st. near cedar. to high in
10:39 am one 40' up in NW elm on 1/2"-1"
branches & hopping about 4" branch.
methodical searcher.

1 Dec. 11:30 am ♀ 20' from top of NW elm on -1/4"
branches, then down to 45' from street. Then
lower & on 1/2-1" branches also.

3 Dec 11:03 am clear one on 3-4" ± horizontal
limbs of NW elm 60' up, SE side. 1:16 pm
one over house to top of oak then into cedar.

4 Dec 8:30 am, 1 in top area of W. elm

7 Dec. 9:19 am one flew into NW elm 8' from top
then lower out of sight into N low part tree

9 Dec 10:48 am clear one high in NW elm ♀?

12 Dec 9:45 am " " " " " "

14 Dec 10:03 " " " " " "

17 Apr. 1990 9:15 ♂ top of NW elm briefly

Dendroica coronata "auduboni"

29 Oct., del Norte St. Berkeley, Alameda Co. CA
8:22 am 1 flying about 1/4"-1" branches in NW elm.
7 Nov 8:34 am ♀ in bare top of W elm
11:33 another briefly in top NW elm.
15 Nov 11:26 am clear 2 ♀ (or 1 twice) in tops of elms; flying about over treetops.
16 Nov 9:13 am 1 ♀ in to ledge then down to drink at puddle — with towhee & 2 golden-crowns.
24 Nov 10:13 am 1 briefly top NW elm, flew N.
7 Dec 11 am 1 in top NW elm, 3 flycatching flights
22 Dec 1:02 pm clear - 1 in W. elm on 1/4" branches only fairly active. 3:30 pm 1 with bright yellow side marks in mid-section of NW elm.
23 Dec 10:17 am clear windy. 1 on line, did 1 hoverglean on Pittos, then into apple. 10:19 is or another in mid section of NW elm
31 Dec 4:14 pm setting sun. 1 dark 1, NW elm to line near apple
1 Jan 91 2:30 pm 1 flycatching from apple tree.
4 Jan 9:34 am 1 from S high into NW elm for 5 sec. then on to N. 11:29 1 40' up in NW elm
6 Jan 10:25 am 1 mid section of NW elm. 4:23 overcast 1 on line briefly 7' from house, flew S
7 Jan 11:45 am 1 in apple tree
9 Jan fog 11 am Berkeley Horticultural Nursery 1 on ground among soggy liquid amber leaves - flew 6 or 7 times - 8'-10' per flight
11 Jan. 3:47 pm overcast 1 in apple, 1 flycatching maneuver - 2 1/2', into Pittos.
12 Jan 9:15 am fog, 1 S. side NW elm 40' up.
19 Jan 1:35 1 from oaks to NW elm 40' up. 2:12 pm 1 on line next to oaks = 2 hawkings.

Dendroica coronata "auduboni"

18 Jan, del Norte St., Berkeley, Alameda Co. CA
3:37 pm 1 on ledge briefly perched at something flew S
22 Jan 1 at 9:55 am 15' from top up st. elm
1:57 pm 1 in up st elms in a minute flew to different branches, briefly – distances were between 20 & 30 ft. acts like a real upper flycatcher.
24 Jan 8:34 am 1 in upper 20' of NW elm.
25 Jan 2:30 1 flycatching 40' up in NW elm
27 Jan 12:48 pm a little fog left 1 mid section NW elm 1 20' hawking flycatching
31 Jan 10:30 am overcast – 1 to mid NW elm from S – a flash of white on tail, but most yellow rump is obvious.
1 Feb 10:33 am hazy sun. first of day, near top of NW elm flew high to NE, 1:36 1 flycatching from lines over street.
2 Feb 12:48 pm light rain 1 in mid section of NW elm
3 Feb 2:57 pm. 1 from S to top NW elm. resting.
7 Feb 11:42 am sunny 1 in apple tree, then to line adjacent to oak – into oak? it disappeared, yes into oak, then hawking 7' up & returned to 1/4" branch in open area of canopy.
9 Feb 2 pm sunny 1 doing lots of flycatching about N part of oak from several lines – very active & minor amount in oak.
13 Feb 2:24 pm 1 on line then into Pittos.
2:39 flycatching 12' from top of NW elm flew NE,
2:49 from line again flycatching about the apple.
15 Feb 3:40 pm overcast – 1 on line near apple. yellow on rump only
7 Mar 1:53 pm clear, 1 high in NW elm open flycatching

Christmas 1991

Dendroica coronata "auduboni"

14 Mar., del Monte St., Berkeley, Alameda Co., CA
12:38 pm 1 in top NW elm, flycatching 4 or 5 times
17 Mar 9:29 light rain, 1 high over W elm & decended with flairing tail markings down to line next to Pittos, 1 yd from a dove, then down into apple tree - they prefer bare trees! 9:41 suddenly 1 back on line 20" from dove, flew down. (25' up as it is).
27 Mar 4:35 clear 1 15' from top of NW elm a number of 5 - 20' flights to twigs.
29 Mar 10:58 am a bright ♂ in top of up St. elms flycatching high on S side 25' out & 70' up. 11:37 another flycatching from top of NW elm. 1:15 pm 1 in W. elm branch to branch.
2 Apr 8:45 clear 1 high in up St. elms. 1:43 1 high in W elm & up St elms, ~~after~~ a few hawkings.
4 Apr 12:57 pm 1 high in up St elms - near top with a few hawking flights. darker bird than others more
1:07 another 1 near top of NW elm - plain lite gray.
6 Apr 1:28 pm. 1 in upper 1/3 of oak on exposed branches then into canopy it is partially gray but with black blotches on upper breast & on back area! molting
11 Apr saw 1 in oak at 9:50 am a windy day. It was on a 1/8" in gap of canopy absolutely still peering, not moving could see yellow throat & side spot surrounded by black - so it. a sight winder for sure, but it wasn't a search like townsend warbler. I suspect the audubon is a more distance viewer than the myoptic foliage feeder,

Dendroica coron. "auduboni"

11 Apr., del Norte St., Berkeley, Alameda Co., Calif.
3:13 1 mid way up NW elm from S, flew 8'
& flew off to right — ?
13 Apr 10:44 am clear, tentatively 1 has been in
oak, flying in & out, to & from NE: white
tail pattern, fast flight, yellow rump.
The canopy is just too thick.

14 Oct. 12:19 pm clear - 1 ♀ type plumage - Y
rump foraging 60'+ up in NW elm on -4"
limbs searching slowly.
15 Oct 1:57 pm ♀ on line 8' from house; to oak ?
23 Oct 9:48 am ♀ on limb (end) of near cedar.
9:53 now 20' from top NW elm on 1-2" limbs.
25 Oct 9:51 am overcast 1-15' from top of NW elm.
28 Oct 9:45 PST am 1 top NW elm very dull.
29 Oct 9:11 am clear 1 top NW elm.
30 Oct 8:50 am clear 1 top NW elm briefly.
6 Nov. 3:11 pm clear, 1 has been high in NW elm
for some time many flights to different
branches mainly small branches, but
once hopped along a nearly horizontal
3" branch. Mostly over 60 up.
18 Nov 11:11 am 2 top of NW elm.
6 Dec 8:58 am clear, calm 1 high in NW elm.
11:20 1 on line & on top leave clusters of oaks
a few hovering maneuvers.
19 Dec 9:21 am 1 S part of NW elm on twigs
40+' up.
20 Dec 11:55 am clear, breezy 1 briefly in oak
then down to apple tree. 11:59 again
1 on top of canopy of oaks tho not in it.
21 Dec 2 in top of oaks difficulty in perching
on outer branches with leaves. 9:53 with
high cirrus & windy.

1991-92 Dendroica coron. "auduboni"

21 Dec., del Norte St., Berkeley, Alameda Co CA
9:56 am 3 in acb. several have been hovering - hawking on edge of canopy also 1+ in Pittos & briefly on line.
Variation of amount of yellow: only rump & bright yellow on shoulders & throat
23 Dec. 9:13 am clear calm ♀ in W elm - top 10±', frequent changes of perch, 2 hawkings; -1/4" branches up to 1½" branches, flights 3-10'. 11:11 am The same (?) bird has been thru NW elm & W elm off & on all a.m. no yellow throat.
24 Dec 8:58 am clear, calm 1 ♀(?) on line then into Pittos.
14 Jan 92 9:26 am 2 in top NW elm; 2 short chases.
27 Jan 4:03 pm overcast 1 6 ft top of NW elm.
12 Feb 1:20 pm partclouds 1 on line, flew down
27 Feb 10:30 1 high in NW elm.
7 Mar 3:23 pm sunny 1 in NW elm
9 Mar 10:42 broken fog 1 high in NW elm.
10 Mar 2:19 pm clear 1 working thru small branches at top of NW elm
17 Mar 4:41 pm clear calm 1 high in NW elm
18 Mar 9 am 1 in NW elm. some flycatching
24 Mar 1:56 pm cloudy 2 high in NW elm
~~22 M~~

21 Oct 11:10 am scattered cumulus - rain last night. 1 in many flycatching maneuvers from & above NW elm. First of season.
12:07 back, some

22 Oct 93 10:08 am clear at least 2 high in NW elm mainly on 1½" branches, flew high to S.

Christmas 8
1993-94 Dendroica coron. auduboni

26 Oct
2:47 - clear, 1 in shore pine top briefly, also 1 (?) in NW elm at 9:30 am

29 Oct. 11:17 am clear 1 75' up in NW elm on 3/4" branches.

1 Nov early pm. 1 high in NW elm, lots of flying about. more than 1 - 2

5 Nov 3:04 pm clear 1 from top of NW elm (100' ±) in at least 4 flycatching flights of 15' to 20' each, add'l flights! flew off.

14 Nov 10:20 am clear windy 1 on line near oaks, into Pittos.

8 Feb 94 9:58 am clear 1 on line then top of shore pine.

24 Oct 9:45 am clear, few stratus, 2 top NW elm

1 Nov 1:06 pm clouds 1 in top NW elm

8 Nov 9:37 clouds, 1 on line hopped to ledge, down on landing & had a drink in puddle & off.

23 Nov 8:30 am clear 2 on ledge then to roof.

1 Dec 10:43 am overcast 1 hopping on ledge with juncos.

29 Dec 11:25 am clear 1 high in bare NW elm.

15 Jan 95 9:41 am clouds - sun 1 on ledge briefly

23 Feb 11:59 am fog - 1 top 1/6 of NW elm - made at least 3 flycatching flights 30' + each. short.

30 Mar 9:05 am clear, 1 top W elm, moving into

2 Nov 12:59 pm fog 1 in oaks, small pine, etc.

9 Dec 9:33 am fog/sun. 1 in top NW elm.

16 Feb 96 3 pm - clouds 1 low in NW elm

16 Mar 9:39 am clear 1, 2/3 up in NW elm, short, many flights

26 Mar clear 10:31 am 1 top NW elm; lots of blends - ?

31 Mar 3:29 clouds. in NW elm 1 & ?3 at least 1 male breeding blacks plumage. a number of chases about neighborhood.

Christmas
96–97 Dendroica coron. "audubon"

1 apr
10 am have been 4 or 5 in elms – lots of chasing.

17 Oct clear cool, 10:47 am 1 on bare branch s side of NW elm, 40'+ down from top, frequent short flights 2—5' on –1" branches. not winter plumage – bright yellow & darker sides.

8 Nov clear, 8:55 am from high in NW elm 1 with bright yellow – many flycatching

9 Nov clouds 9 + am at least 2 or 3 in elms; 2:50 1 in oak or canopy.

18 Nov 3:04 p overcast 1 on ledge doves feeding

23 Nov 10:52 am clouds 1 top of NW elm

19 Dec 1:05 pm cirrus haze. 6+ juncos in feeding. 1 this sp. on ledge looking at all the activity then into apple.

20 Mar 10:55 am. high cirrus. 1 in lower branches of Pitts to NW. suspected its presence by high flycatching flights from NW elm. bright yellow & black chest.

26 Mar. 10:12 am fog 1♂ high in NW elm

12 Dec ('97) 1:12 pm dull overcast – 1 on small (– 1/4") branch in top of NW elm. first of winter

28 Dec 3:56 pm clear cool 1 on 1/2" branch 80' up in NW elm then to near cedar 60' dead branch

21 Mar. 98 12:08 pm, nimbus cover. 1♂ in almost black plumage – bright yellow in upper portion of NW elm on 1"+ diam branches & 10–15' flights.

1 Apr. 8:42 am pt. cloudy, 1♂ in NW elm, black,

3 Apr. 12:41 pm clouds several ♂♂ in oaks, etc.

4 Apr 12:04 cloudy several black ♂ pines, elms

9 Apr 1:07 pm light rain 1 darkone in edge of oak

Christmas
1998 Dendroica coron. "auduboni"

15 Oct.
9:35 am clear, at least 1 in NW elm. First of season
15 Oct 12:31 PST, clear 1 8' from top of NW elm
26 Oct. 10:25 clear, 1 has been in NW elm - top 1/5th has made several flycatching flights 30' from tree.
6 Nov. 12:14 pm clouds after rain; 1 ♀? in oak canopy with 20 sec ± hovering.
12 Dec 11:05 am clear cold; 1 ♀ on ledge to wire over D-4, then flew under eve.
22 Oct 1999, 9:55 am hazy fog. 1 in NW elm on 4" horizontal limb - midsection
6 Apr. 2000 12:43 pm clear, cool 1 in top of NW elm - lots of black.

9 Dec. del Norte St., Berkeley, Alameda Co., Calif
3:19 pm. light rain, one ♂ in oak, first of season.
This bird was extremely active in canopy and often changed site in tree by quick flights
17 Dec. clear, cool 2:13 pm one ♂ in oak
– they are slow & methodical feeders hopping from small twigs to another & still for several seconds – unlike R-C. Kinglet. short flights out and to another branch several feet away – can't tell if these sallies are flycatching in the tree canopy or out on edge, exposed beyond edge.
20 Dec 2:34 pm cloudy. ♂ in oak perched on outside of canopy gleans, flies to another position looks about pecks & flies to another edge of canopy. 4: pm blue sky with bands of mackeral clouds – watched football. The ♂♂ are very obvious with yellow/bl. stripes.
21 Dec 12:45 pm, a ♂ in canopy & on edge, flew thru middle of tree at same time a R-C Kinglet – the latter much more active. This sp. flits on smaller – under 3/4" branches. Kinglet in canopy – its smaller & more maneuverable. Do it chance they are together in the oak?
This sp. of oak has thick foliage & hard to follow small birds in it
27 Dec 10:15 am cloudy one ♂ on 4" limbs within canopy & on edges of c. (with Kinglet)
1 Jan 88 10:24 am cloudy a large flock came from Pitosporum into the oak & with them a ♂ this sp. I have suspected that this warbler followed bush-tits – this is confirmation.

2 Jan., Del Norte St., Berkeley, Alameda Co., CA see bush-tits. within canopy & out on edges — more flitting about.

4 Jan 3:30pm light rain: ♂ foraging in the cedar both exposed & under or among branches, hopping about & and flying to next branch, not seen for 30 sec. at a time; infrequently exposed

13 Jan 11:38am one, a ♀, foraging in cedar high. fairly active, frequent flights — a strange call a "pe-you", sharp, high clear no other birds except cedar Waxwings This is a strange one only this sp. "see-you" high & clear & not a ♂ (went outside finally saw two starlings in top of cedar) what looks to be a juv. this sp. in cedar, at least one, perhaps 2.

15 Jan 9 am two in cedar & oak on cloudy day — saw them before bush tits came in

21 Jan 2:pm went down the front steps & one ♂ was in the Photinia got 5' from it, no reaction. NO bush-tits about or heard — 5 minutes later a flock of B-t in the oak, where the warbler flew into after I saw it.

19 Feb 2:32 pm one ♂ foraging N side of cedar 60' up, slowly sedately on top of branches & some dead twigs — and 3' from a R-C Kinglet which flew into oak. The first of this sp. in weeks.

1 Oct 9:52 am fog; ♂ in oak - on end of several branches, then into canopy. This is the first one this fall.

Christmas 1988 Dendroica townsendi

4 Oct., del Norte St. Berkeley, Alameda Co., Cal.
12:21 pm ♀ on end of oak branch then disappeared — into canopy? yes, but spent time on edge of canopy. 12:24 flew N.
6 Oct. 11:24 am bright ♂ on end of oak branches on edge of canopy slowly flitting about then disappeared into canopy.
12:07 pm ♂ in canopy; nice round fluffy head.
12 Oct 10:45 am fog. bright ♂ in outer part of canopy of the Pittos. slowly working branch to branch.
13 Oct 5:45 pm light rain, at least 2 in oak much flying about — very active also at least 1 C-b. chickadee.
14 Oct 9:20 am one on edge of oak canopy several flights to pick off food from leaves — ♂, very obvious — 2 chickadees.
19 Oct. 9:22 am ♀ in branches — vertical on top of oak dull thin fog; then slowly working through outer exposed canopy.
3 Nov. 12:45 pm ♂ into oak alone; no bushtits
12 Nov 3:31 pm ♂ in edge of canopy " ".
13 Nov SEE Parus Rufescens Account.
14 Nov 11:09 am ♂ from oak to exposed branch of Pittos & on line from oak, with it are 2 R-C Kinglets & 2 chickadees
21 Nov 1:38 pm SEE JOURNAL — 2 in cedar active in the sense of flying from branch to cluster of needles & then into oak — hover — gleaning & on ends of branches on the outside of canopy. — at least half of time rest inside the canopy — both are ♂♂!
5 Dec 10 am ♂ in top of Pittos. Then flew into oak. in a minute a Kinglet also in oak.

1988-89 Dendroica townsendi

5 Dec., del Norte st., Berkeley, Alameda Co., Calif.
2:25 pm see Bush tit acct.
10 Dec 2:34 pm a ♂ & a R-C Kinglet in oak
The warbler spends at least half of time foraging on exposed edge of canopy with frequent flights. The Kinglet forages in the canopy – its hard to see!
It also did some gleaning flights
These were short flights of 2', several pecks at oak leaves then disappeared into canopy. No bush-tits a chickadee was in oak, flew to Pittos & feeder.
20 Dec 1:16 pm moderate rain ♂ on oak – end of twigs/ leaves, then into canopy.
21 Dec 12:52 pm ♂ & a ♀ flew to oak, light rain.
4 Jan 1:50 pm ♂ in oak on end of branches, a Kinglet & chickadee in oak also.
13 Jan 1:30 pm 2 ♂ in oak with a Kinglet.
8 Feb 12:15 pm ♂ in oak; also a R-C Kinglet.
Mostly in exposed situations/outside canopy.
12 Feb noon ♂ on end of vertical branches & briefly into canopy, exposed most of time.
don't see other sp. in tree. again at 3:48 pm
13 Feb 9:58 am ♀ in oak did a flycatching venture
10:15 am ♂ on sprouts, 20' up, in elm across st.
16 Feb 2:06 pm ♂ in 5 parts of oak, a few short 3' flights – flycatching? – 4-5' flights to another branch. at this time 1 chickadee & 1 Kinglet also in the oak. flew to Pittos to flycatch, back to oak, on top of vertical branches very often.
20 Feb 1:45 pm 2 ♂ in a fight near Pittos 25' from ground 6' from tree. 5:02 pm ♂ flew 6' over oak in flycatching manner.
21 Feb. ♂ in oak at 10:02 am

23 Feb., del Norte St., Berkeley, Alameda Co., CA
2:08 pm ♂ alone in oak, hidden in canopy as well as on ends of vertical branches
2:19 still in oak, but 18' N has been in canopy "slower more methodical" is indicated by number of perch changes & distance - it has fewer changes than kinglet & more time on one perch & I think less distance moved than kinglets

28 Feb. 3:22 pm ♂ in oak much of the foraging on tops of small branches & branches of vertical sort - much of time exposed also a kinglet feeding in canopy a small spot of red showing.

1 Mar 3:35 pm bushtits, chickadee & Kinglets with ♂ this sp. foraging in oak.

2 Mar. cloudy 3:43 pm one in E side of oak, 6+ bush-tits flew N from oak into Pittos. The ♂ followed into Pittos. Several minutes later a ♂ in oak - same one?

4 Mar. 2:44 pm ♂ foraging in oak well within canopy

11 Mar species in oak consistly every day - 12:07 pm in oak with bush-tits. Then bird flew from oak 18' to trunk of cedar then down - all chasing a moth - didn't get it. later ♂ to small puddle on landing jumped into water, a quick flit in it & flew into Pittos. First time to landing for sp.

16 Mar have seen every day 9:40 ♂ in oak in exposed situation - oak is short new growth.

18 Mar. 9:11 am light rain ♂ in near posette in Oak

28 Mar 2:59 pm in oak 5' from top - also a warbling Vireo

29 Mar 10:19 am one flew by SW to NE treetop level.

Christman
1989

Dendroica townsendi:

23 ~~Mar~~ Sept, del Norte St., Berkeley, Alameda Co., CA

The first one of the fall — a male in E part of oak within canopy, then to line adjacent to Pittos — back to oak & disappeared. 9:42 am fog.

9 Oct 10:30 am ♂ near end of fir branch most of time under the needle clusters hard to see; then flew to apple tree (in fir 18* ft. up) 10' up; one flycatch flight & into the Pittos.

14 Oct 12:17 pm fog; ♂ hovered 6" from NE canopy of oak for 6 sec. then disappeared into canopy. 12:19 same on E side for 2 sec. & perched briefly on top of small branch. 20' up. Rest of time well within the canopy. 12:21 exposed on top of branch, flight 5' to top of lower branch. a very active bird.

23 Oct 9:12 saw a ♂ from Pittos into oak much of time on ends of branches, also in canopy. 9:22 am 2 (one ♂, ♀?) in top of W. elm. See bush-tit acct 2:47 ♂ in oak. bushtits 3 + minutes ago. (bush-tit flew out) in canopy then to line next to Pittos perched looking about & nervously changing position often, then into Pittos

24 Oct. 12:19 pm a ♂ near top on ends of branches no other birds in tree, then on exposed edge of canopy 12' from top, E side; then up. flights of 3-5' to other branches.

26 Oct 8:25 am one in top of up st elm, flew down elms

30 Oct 3:58 pm 1 ♀ in oak on 1/4" branch & in canopy

11 Nov 10:30 am at least one bright ♂ in canopy of mid east part of oak, hard to see, one flycatching flight.

Vermivora? townsendi

17 Nov., Old Wattle? St., Berkeley, Alameda Co., Calif.
12:30 happy sun one briefly in Nudw 60' up.
21 NOV 11: am 2 in oak, ♂ & ♀; several flycatching maneuvers - more than any other "oak" bird
22 Nov. 9:27 am fog & low E side of oak in canopy. Then R-b Chickadee from oak to feeder. 9:33 still 1 or 2 bush-tits. Species doesn't fly as far as audubon does in bare elms; more through foliage - more leaf surface to cover. This a.m. more in canopy. 9:40 several ? in oak 2 or 3. 9:47 ♂ north side; most bush-tits to Pittos. one chickadee - oak to Pittos.
23 Nov 11:48 am for first time this a.m. ♂ in oak & a few bushtits which then flew N.
30 Nov 10:38 am ♂ in oak alone well within canopy
2 Dec 10:36 am clear ♂ in canopy of oak, chickadees at feeder, Pittos & in oak. hovering-gleaning flights to 1': chickadees in canopy also - 2 warblers?
4 Dec 11:23 am ♂ flew into oak, don't see other birds within canopy most of time same surface gleaning & 1 6' flight over canopy to new foraging site. One 1' fly catching flight at times on end of vertical branches & hovering gleaning. alone in tree.
5 Dec 1:05 pm fog ♂ in apple tree & 2 chickadees 6' away in little pine tree. 1:11 has been active in oak within canopy hidden & on end of branches.
7 Dec 8:58 am ♀ in S part of oak then S, mainly in canopy
9:51 am ♀,♂ in oak under cover. several short 1'+ flights over canopy; and hover gleaning

[illegible]

Dendroica townsendi

7 Dec., 22 Norte St. Berkeley, Alameda Co., CA
10:30 am ♂ in oak outside back window – 40"–25" away. constantly changing position of head & body in 1/8–1/4" branches – a flock of bush-tits in Japanese maple 10'+ away. This is an excellent example of "rapid peering" 10:49 am ♂ into top of oak from NE over house (no other birds in tree)
27 Dec 10:25 am ♂ in oak with same bush tits
11:50 am ♂ in oak; to apple tree.
30 Dec. 4:18 pm first of day – ♂ in Pittos.
1 Jan 1:55 light rain ♂ in oak mainly on edge of canopy, especially ends of branches, several sallys to glean. It chased another bird to N – it was either another warbler or a junco.
2:02 back & now in the canopy.
6 Jan 1990 10:33 am fog cover ♂ in oak & Pittos.
9 Jan 1:57 pm ♀ in E part of oak both on outside & well inside canopy. chickadees & juncos about
10 Jan one in oak at 10:23. SEE BUSH-Tit.; ♀ in oak
13 Jan 11:02 am ♀ in oak lower SE short flights for new positions also 2 chickadees 7–10' away. very light sprinkles. 3 pm lightest rain – 2 ♀ actively feeding in oak. See Bush-tit acct
19 Jan 3:40 only one seen so far in oak.
20 Jan. 10:59 am ♀ foraging in canopy of oak bush tits present.
13 Feb ♂ flitting about edge of canopy at 3:35 where has this sp. been.
23 Feb. 9:26 am ♂ in Pittos on exposed branch.
4 Mar 9:29 am 1 in canopy of oak, ♂,

Dendroica townsendi

4 Mar., 2d Norte St. Berkeley, Alameda Co, calif
majority of time on edge of canopy
- exposed.
9 Mar 3:35 pm ♂ in oak, briefly exposed
then into canopy. 3:41 now on " vertical
branches, short 5-10" flights - can't see
any bush-tits now - following them?
3:53 still in oak near N-side (from E) & ?.
3:54 one flew from S side, N over house, so 2.
4: pm at least 1 in oak.
10 Mar 9:42 1 ♂ in oak in light rain with
chickadees, bush-tits & kinglets.
11 Mar 4pm ♂ in oak no other that I can see.
19 Mar. 11:03 am bright ♂ in canopy of oak &
only briefly on outer edge. also a junco
foraging in canopy
20 Mar 12:53 pm ♂ in W. side of oak among
leaves on small branches — 1/8" diam.

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14 Sept 8:30 am fog chickadees & nut
hatches at D-4 feeder then ♂ this sp.
landed on upper wires peering down
at feeder then flew S. Is this early?
24 Sept 9:26 am 1 foraging canopy, oak. ♂
19 Oct 12:37 pm ♀ working in canopy of oak alone
12:42 several bush-tits out of oak to Pittos
who attracts whom?
30 Oct 12:18 pm ♀ in canopy of oak foraging.
12 Nov 1:54 pm ♀ in oak outer canopy.
13 Nov 12 noon clouds/sun ♀ outer canopy oak.
14 Nov 8:42 am overcast ♀ in oak canopy briefly out
11:22 am ♀ foraging, also in tree several chickadees
& 1 plain tit. (See bush-tit acct) — very
active feeding.
17 Nov 10:15 am 1 in canopy of oak - alone in tree.

24 Nov., deWaite St., Berkeley, Alameda Co., CA
1:21 pm sunny clear 1 within oak canopy alone
25 Nov. light rain 1 very top of oak, flittering about outside branches, also chickadees & Plain tit.
26 Nov 10:11 clear - 1 in oak ? ♀
10 Dec 10:57 am overcast after light rain - 1 very active in canopy of oak and some hovering gleanings. No other sp in tree
11:20 still in oak, only occasionally exposed.
14 Dec 12:24 pm sunny, 1 on outer edge of oak canopy.
27 Dec 2:33 pm 1 in oak, has been 2 chickadees also
1 Jan 91 10:54 am 1 top of oak then down E side on exposed branch ends, active.
12:27 pm a ♀ has been foraging in oak now for nearly 1/2 hr. - activity: fanning tail as it limbs about on exposed leaf clusters and frequent flights of 4' to 10' to different part of tree. Much of time on outer edge of canopy.
2 Jan twice in oak today.
7 Jan 11:45 a.m. 1 foraging in oak, much flitting about much more movement & changing positions than the audubon w. seen at same time.
23 Jan have not seen any lately.
25 Jan 10:30 am fog 1 in oak with several bush-tits, at least 1 Kinglet & 1 + ? chickadee
11:30 tree has been empty. 1:35 1 on outer edge of canopy N side;
2 Feb 1:14 pm light rain 1 in top of oak.
7 Mar this is not a year with many T. warblers - fewer than other years - my impression.
17 Mar 10:23 am overcast, 1 ♂ in top the small pine

Christmas
1991-92 Dendroica townsendi

23 Mar, del Norte St, Berkeley, Alameda Co., CA
4:50 pm, rain, ♂ in canopy of oak.
25 Mar. 1:46 sun & clouds 1 ♂ in oak canopy
28 Mar. 10:07 am fog 1 ♂ in oak.
2 Apr 1:46 1 from over house to top of oak, a ♂

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15 Oct 11:27 am clear — what appeared to be this sp. from oak to Pittos. a quick good look! 1:16 pm a ♂ foraging in oak within canopy — took several minutes to see it well.
18 Dec 10:31 am sunny after rain — a ♀ on exposed branches of oak, E side 10' from top — fairly active. 3:38 another (?) on S side on exposed outer canopy — 24"+ to a chickadee.
26 Dec calm cloudy 2:30 pm ♀ in oak.
30 Dec scattered clouds 1 in oak at 8:15 am.
2 Jan 11:29 am 1 ♀ on edge of oak canopy.
7 Jan overcast/drizzle 9:54 2 in oak & in cedar — 1 chase.
13 Jan 1:42 pm calm, clear ♀ on upright oak branches.
20 Jan. 1:44 pm scattered cirrus/calm ♀ on lower N side of oak, edge of canopy, one flycatching flight.
23 Jan 11:34 am ♀ high in oak — edge/canopy.
27 Jan 3:48 pm overcast ♂ in oak canopy.
31 Jan 4:48 pm getting dark/clouds ♀ in oak
8 Feb 11:48 am heavy overcast ♀ in oak also, of course, chickadee.
12 Feb 1:20 pm partly cloudy ♀ in oak.

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16 Nov. 1:26 briefly ♂ on vertical oak branch.
29 Dec 10:54 overcast, 1 ♂ in oak. ♀

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5 Jan 93; 12:47 1 ♀ in edge oak canopy.
20 Jan 9:50 am 1 in oak canopy in moderate rain.

Christmas 93-94 Dendroica townsendi 12

26 Feb
12:45 overcast 1 ♂ in edge of oak canopy
6 Nov 4:08 pm clear 1 working outer edges of oak top to lower outer branches to N. very active, no wing flips. appears a ♂.
20 Nov 10:38 am cirrus overcast, calm 1 ♂ on vertical branch of oak, canopy edge.
21 Dec clear 12:24 pm ♀ on oak edge canopy.
30 Oct 11 am clear. ♂ briefly on line then into oak.
Thus at this date, 1994-winter, all of the winter species are present.
2 Nov 2 - one brief. 12:43 1 (? ♀) in oak on exposed branches, 1 flycatching flight.
10 Nov. 1:45 - clear a few cumulus - 2 working exterior of oak canopy - they were there with 1 chickadee for about 15 min. seemed to be ♂ & ♀ (?)
14 Nov 9:55 am clear wind. 1 among Pittos leaves
1:15 cirrus 1 on edges of oak canopy.
25 Nov off & on all day 1 ♀ in oak mainly exposed on canopy.
9 Dec clear, 10:31 a. ♀ in oak. sp. seen just about every day.
29 Dec 11:16 am clear ♀ on edge of oak canopy
18 Jan 95 4:17 1 on line, 1 flycatching flight 5' up, then to oak. not many of late.
30 Jan rain 1:20 pm 1 on edge of oak canopy
1 Mar 2:40 pm fog 1 ♀ in oak very active

17 Oct. 96 2:30 pm clear 1 ♂ in pine, oak & cedar
24 Oct overcast, 1:42 pm ♀ on tips (vertical) oak branches
25 Oct 11:01 clouds 1 in oak & linden.
29 Oct 12:16 pm clouds after rain ♀ in oak & pine exposed ends of limbs

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Christmas
96-97 Dendroica townsendi

9 Nov.
2:35pm clouds 1 in oak on canopy days
18 Nov. 3:05p overcast 1 ♀ in oak, several mos
20 Nov clouds 1 off & on in oak recently
21 Nov 10:30am overcast briefly 3 in pine & oaks, then 5.
17 Jan. 97 10:50am clouds 1 in oak. This sp. has been in oak at least every other day, since above
19 Sept 10:26am clear 1 on oak leaf clusters near top - typical marks but all gray - a juv.?
19 Oct 3:45 fog - ♀ on edge of canopy.
10 Nov 9:38am after rain; 1 in oak in canopy edge.
14 Nov. 10:14am part clouds 1 in oak inside canopy.
26 Nov. 1:08pm lots of cirrus 1 in edge of oak canopy
19 Jan 98 one in oak almost every day of late (earlier too).
15 Feb 3:15pm clear calm small cumuli 1 in oak, seen almost every day.
4 Mar 2:54pm cirrus 1 in oak canopy edge - first in a week.
1 Oct 10:58am overcast, 1 ♀ in oak, first
12 Oct 4:29 stratus/sun 1 in pine & oak canopy.
15 Oct 2:46pm clear, 1 on rim of oak canopy ♂?
24 Oct. 10:25am rain; 1 in pine deep olive back.
25 Oct 11:03 Standard time - 1 in oak canopy
6 Nov. 2:08pm clouds; 1 flitting on outer canopy of oak; olive back, vivid black markings ♂?
7 Nov 11:17am light rain, 1 in pine & oak - much changing from branch to branch
21 Nov. 10:50am clouds. 1 in oak. seen almost every day

Dendroica townsendi

22 Sept 99
2:15pm ♂ from oak to lime & into Pittosp
cirrus, stratus, hazy - rain & electric storm
in early a.m. check - this seems early
18 Nov. 10:44 am, hazy clear 1 in oak, to Pittosp
22 Nov 1:06 pm clear, ♀ in oak, mainly in canopy
6 Dec 12:20 pm clouds a bright ♂ on outer
edge of oak canopy & hidden within c.
27 Dec. 2:10 pm clear 1 on edge of oak canopy
21 Feb 2000 2:40 pm FWC 1 working edge
of oak canopy. 1 at a time most of
last week in oak, pine & Pittosp

Christmas
1988-89

Wilsonia pusilla

20 May del Norte St., Berkeley, Alameda Co., CA
3:54 pm hot day - one rather drab one in canopy of the oak.
31 May 9:36 am bright ♂ in oak within canopy - got one good look.
10 Aug 89 9:55 am fog. a bright ♂ on line 8' from house among towhees then flew into Pittos, back near a house finch then flew to SW. Seemed curious at all the bird activity - active peering.
11 Sept 1:15 pm fog ♂ in Pittos moves fast thru tree.
15 Sept 9:20 am fog a non-discript ♀ probably this sp. in top of NW elm.
16 Apr 1990 3:25 pm overcast ♂ in backyard 2 sites 2'-3' above ground.
14 Aug 12:40 pm fog - a bright ♂ in oak, cedar & NW elm 80' up among leaves.
25 Aug 10 am ♀ (?) of this sp. ? 60' up in elms.
22 Sept 90 ♀ this sp. ? in Pittos. greenish yellow uniform color - no marks.
13 May 1991 10:35 ♂ foraging in oak, took awhile to see - stays well within canopy, light rain.
2:20 same bird ?, yellow - several extensive flycatching flights. 2:49 same bird more fly-catching much more active feeder than townsend Warbler & more in canopy.
14 May 10:52 am back in oak off & on, got good look at it, quick, purposeful movements main well within canopy of oak & Pittos.
16 May 9:18 am 1 in oak, then to Pittos, ♂, 1 flycatching flight.
18 May 7:38 in oak canopy - hard to see - Yesterday it was about but no good looks it did same wild fast hawkings 6' out from oak. really sticks to canopy tho flies between clumps of leaves.

Christman 1991

Wilsonia pusilla

18 May
12:33 flew into acls from NE. 1:39 ♂ on line briefly 4' from house, to NE.
13 Aug 10:36 overcast. ♂ foraging actively in Pittos. Have seen a 'yellow warbler' of late.
13 Sept 9:23 am Fog ♂ on line adjacent to Pitts. & into latter. Nice bright plumage.

Kristman
9A

un-id. warbler

8 Aug
3:24 doves feeding - in briefly a unid. juv. rather bright greenish with a pale yellow superciliary line

21 Sept 10:17 am Fog a nondescript dull greenish 1 in exposed vertical branch of oak, white eye ring.

29 Aug 98 partfog, 9:50 am 1 bright warbler, flew from Linden tree to Pittspor. Wilsonii

Christmas
1990

Piranga ludov.

10 Sept., del Norte st. Berkeley, alameda co., calif.
12:51 pm sunny, good look of ♀ in top of NW elm among leaves, flew NE.
13 Sept several times this a.m. have seen single individuals flying past which look like ♀ or juvs. of this sp.?
18 Sept 10:18 am ♀ on limb 30 sec. then flew down into pine or apple tree.
21 Sept 10:26 am 1 ♀ in top of NW elm flying in short (10' ±) flights among branches including 1 leaf gleaning hover flight 10:54 am 1 among leaves, top of ~~sp~~ NW elm - wing bars clearly evident. strong flight to SE. are these the same individuals?
22 Sept 10:22 am another good look. Has been in upper dense parts of NW elms - did 2 flycatching maneuvers, 25' from original perch, 70' up, ~~seen~~ one dove, etc in intricate capture (?). Then flew NW due high into near cedar - swift, strong direct flight - ♀, one good quick look.
26 May 98 ~~sev~~ 9:25 am clear/cumulus 1 ♂ inside oak then good look - in small pine. 10:38 am it took a 6' flycatching flight over N section of oak. Guess its been in the canopy of oak out of sight.

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